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AUTHOR Kay, Evelyn R.
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ABSTRACT

This report consists of data describing participation in adult education in 1981. Estimates in the report are based on supplementary questions in the May 1981 Current Population Survey conducted and tabulated for the National Center for Education Statistics by the Bureau of the Census. Examined first are the following characteristics of participants in adult education: age and sex, race/ethnic groups, level of education, annual family income, geographic area, labor force status, and occupation of employed participants. Following a description of the types of courses taken by participants in adult education, data are presented concerning reasons for taking courses, providers of instruction, and major sources of funding. Appended to the report are 10 tables; technical notes concerning the sample design, estimating methods, and reliability of data; and a copy of the survey instrument. (MN)

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Participation in Adult Education 1981

Evelyn R. Kay
National Center for Education Statistics

CE 033952

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"The purpose of the Center shall be to collect and disseminate statistics and other data related to education in the United States and in other nations. The Center shall . . . collect, collate, and, from time to time, report full and complete statistics on the conditions of education in the United States; conduct and publish reports on specialized analyses of the meaning and significance of such statistics; . . . and review and report on education activities in foreign countries."--Section 406(b) of the General Education Provisions Act, as amended (20 U.S.C. 1221e-1).

Foreword

The May 1981 survey Participation in Adult Education is the fifth of the triennial series begun in May 1969. Its main purpose is to determine the extent and characteristics of adults 17 years of age and over who participate in any education or learning activities. These surveys were conducted under contract with the National Center for Education Statistics (NCES) by the Bureau of the Census as part of its monthly Current Population Survey.

Complementing this survey of individuals are annual or periodic surveys of the various types of organizations that provide education or learning opportunities for adults, such as the Higher Education General Information Surveys (HEGIS) (including the adult/continuing education special survey); the postsecondary vocational school survey; the survey of home study schools; and the survey of free universities and learning referral centers.

Early this year, a decision was made to drop the triennial May survey. The Bureau of the Census will continue to include education questions on the Current Population Surveys during the month of October. Plans are being made to incorporate these questions on a 3-year cycle that would respond to anticipated data needs in adult education and still be flexible enough to include questions about unforeseen problems or issues.

Francis V. Corrigan
Assistant Administrator
Division of Postsecondary and
Vocational Education
July 1982

For More Information

A description of the Center's statistical program and a catalog of NCES publications may be obtained from the Statistical Information Office, National Center for Education Statistics, (mail stop 1001), 400 Maryland Avenue SW., Washington, D.C. 20202, telephone (301) 436-7900.

Data tapes for the 1981 Survey of Adult Education may be obtained from:

Data User Services Division
Customer Services Branch
Bureau of the Census
Room 3524, Building No. 3
Washington, D.C. 20233

Telephone: (301) 763-2400

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Introduction

Of the 166 million adults 17 years of age and older in May 1981, more than 21 million (13 percent) participated in one or more adult education activities during the preceding 12 months. Adult education consists of all courses and organized educational activities taken part-time, as identified by the respondent. Included among adult education participants are 1.2 million full-time students in elementary and high school, college, and vocational school (more than 6 months in length) who took an adult education course in addition to their regular school work. However, the majority (20 million) of the adult education participants consisted of those who were part-time students in an elementary or secondary school, college, or vocational school, as well as those who took a course but who were not otherwise classified as students.

Nearly 145 million people were not enrolled in an adult education course in 1981. Of this number, 10 million were full-time students in programs leading toward a high school diploma or a college or university degree, or in a vocational program lasting 6 months or more. The rest did not engage in any education activity. This report covers only the 21 million people who participated in adult education. The following table summarizes these data:

Student status	Total	Full-time students	Not full-time students
		(in thousands)	
Total population	165,830	11,273	154,557
In adult education	21,252	1,228	20,024
Not in adult education	144,578	10,045	134,533

This survey of adult education evolved over a period of a dozen years, during which substantial changes were made in coverage. Major differences were the inclusion of the 35-year-olds and over as part of the regular school population and the exclusion of the full-time, long-term (6 months or more) vocational students as adult education participants. The following table shows the type of activities that were and were not counted as participation in adult education between 1969 and 1981:

Type of adult student	Counted as participants in adult education				
	1981	1978	1975	1972	1969
Participants in adult education who were **not** full-time students in regular[1] school	yes	yes	yes	yes	yes
Participants in adult education who were **also** full-time students in regular school					
17 through 34 years of age	yes	yes	no	no	no
35 years of age and over	yes	yes	yes	yes	yes
Participants in adult education whose full-time status in regular school was not reported	yes	yes	no	not specified	
Full-time students in regular school					
17 through 34 years of age	no	no	no	no	no
35 years of age and over	no	no	no	yes	yes
Full-time students in occupational programs of 6 months or more	no	no	yes	yes	yes
Full-time students in occupational programs of less than 6 months	no	yes	yes	yes	yes

1/ Includes schooling leading to an 8th grade certificate, a high school diploma, or a college degree; excludes students in occupational programs.

The estimates in this report are based on supplementary questions in the May 1981 Current Population Survey conducted and tabulated for the National Center for Education Statistics by the Bureau of the Census. The sample design, estimating methods, and reliability of the data are described in the appendix.

Characteristics of Participants in Adult Education

In general, participants in adult education tend to be young, to have completed at least one year of college, and to have a higher-than-average income. This section of the report describes in more detail these and other characteristics of adult education participants.

Age and Sex

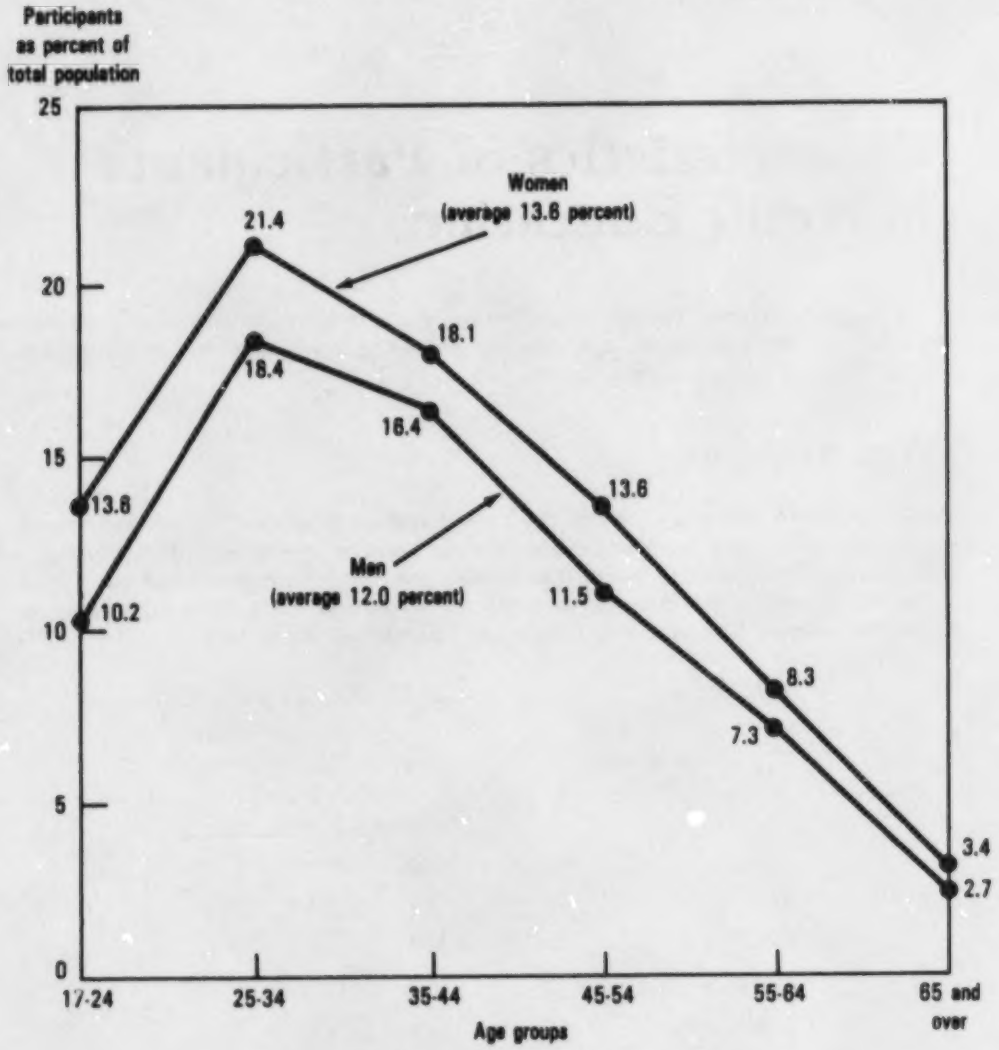
During the 3-year period between 1978 and 1981, participation in adult education grew from 18 million to 21 million, an increase of 17 percent. Most of the increase occurred in the 35-and-over group, which grew from 8 million to nearly 10 million. Although men made up a smaller proportion of adult education participants than women, they experienced an increase of over 20 percent during that time compared to an increase of 14 percent for women. The following tabulation summarizes these data:

Age and sex	1978	1981	Percent change
	(in millions)		
Total participants	18.2	21.3	17.0
Men	7.8	9.4	20.5
Women	10.4	11.9	14.4
Less than 35 years	10.2	11.5	12.7
35 years and over	8.0	9.8	22.5

Participants in adult education tend to be young. Nearly 54 percent of the adult education participants in 1981 were under 35 years old, whereas this age group made up only 43 percent of the adult population. The greatest concentration of participants was in the 25-34 age group (35 percent of all participants). In contrast, only 12 percent of the participants were 55 years old and over, compared with 28 percent in this age group in the total adult population.

Women accounted for 56 percent of all participants in adult education, about the same proportion as 3 years earlier. In 1981, nearly 12 million women and over 9 million men took one or more courses in adult education. The participation rate for women was 13.6 percent compared with 12 percent for men. This pattern of women participating at higher rates than men is repeated at each age level (see figure 1). At the highest level of participation, over 21 percent of the women in the 25-34 age group took at least one adult education course in 1981, compared with 18 percent of the men in the same age group. Subsequent older age groups showed progressively lower participation rates, but always with women at higher rates.

Figure 1. Age-group participation rates in adult education, by sex.



Race/Ethnic Groups

White non-Hispanics made up the majority of the adult education participants; 88 percent of the participants were white compared with 82 percent in the total population. Black non-Hispanics made up 6 percent of the participants; other non-Hispanics, 2.4 percent; and Hispanics, 3.6 percent. White non-Hispanics participated in adult education at higher rates than their representation in the population as a whole, whereas black non-Hispanics and Hispanics participated at lower rates (see table 1).

White non-Hispanics at older age groups were more likely than other older race/ethnic groups to be in adult education. For example, 47 percent of both white non-Hispanic men and women who took an adult education course were over 35, compared with a range of 35 to 42 percent over 35 years of age for all other race/ethnic groups. The following tabulation summarizes these data:

Race/ethnic group	Men		Women	
	Number in adult education (in thousands)	Percent 35 years and over	Number in adult education (in thousands)	Percent 35 years and over
Total	9,358	46.3	11,893	46.8
Non-Hispanic	9,026	46.7	11,456	47.2
White	8,279	47.5	10,395	48.9
Black	505	37.0	793	40.1
Other	242	40.5	269	42.0
Hispanic	333	35.4	437	36.6

Note: Details may not add to totals because of rounding.

Level of Education

The level of participation in adult education is directly related to the level of education: as educational levels increase, the rate of participation increases. For example, the level of participation in adult education rose at each higher educational level from 2.2 percent of the total population with less than eighth grade education to 31 percent with 5 years of college and more. Women were more likely than men to participate at each educational level. The following participation rates summarize these data:

Educational level	Total	Men	Women
		(percent)	
Total	12.8	12.0	13.6
Elementary:			
0-8 years	2.2	2.2	2.2
High school:			
1-3 years	5.6	4.9	6.1
4 years	11.1	9.7	12.1
College:			
1-3 years	19.6	17.2	21.8
4 years	26.1	23.4	29.2
5 years and over	31.1	28.4	35.6

Further analysis shows that participants in adult education were more likely than the total population to have some college experience. Excluding the 5 million participants in adult education who were also part-time college students,[1] over 44 percent of the participants had 1 year of college or more compared with 29 percent of the total population. A smaller proportion of women than men had at least 1 year of college in both the

[1] Nearly 5 million students attended colleges and universities part-time in October 1980, according to the Higher Education General Information Survey (NCES publication No. 82-104).

Table 1. Characteristics of the population 17 years old and over and of participants in adult education, May 1981

Characteristic	Total population		Participants in adult education		Participation rate
	Number (in thousands)	Percent distribution	Number (in thousands)	Percent distribution	
Total, 17 years and over:	165,830	100.0	21,252	100.0	12.8
17-24	33,073	19.9	3,941	18.5	11.9
25-34	37,714	22.7	7,509	35.3	19.9
35-44	26,113	15.7	4,512	21.2	17.3
45-54	22,455	13.5	2,821	13.3	12.6
55-64	21,722	13.1	1,702	8.1	7.8
65 years and over	24,753	14.9	768	3.6	3.1
Men, 17 years and over:	78,293	100.0	9,359	100.0	12.0
17-24	16,146	20.6	1,640	17.5	10.2
25-34	18,404	23.6	3,385	36.2	18.4
35-44	12,659	16.2	2,075	22.2	16.4
45-54	10,817	13.8	1,240	13.2	11.5
55-64	10,131	12.9	739	7.9	7.3
65 years and over	10.133	12.9	278	3.0	2.7
Women, 17 years and over:	87,538	100.0	11,893	100.0	13.6
17-24	16,727	19.3	2,300	19.3	13.6
25-34	19,309	22.1	4,123	34.7	21.4
35-44	13,454	15.4	2,437	20.5	18.1
45-54	11,636	13.3	1,581	13.3	13.6
55-64	11,591	13.2	962	8.1	8.3
65 years and over	14,620	16.7	490	4.1	3.4
Race/ethnic group:					
Non-Hispanic	156,844	94.6	20,483	96.4	13.1
White	135,645	81.8	18,674	87.9	13.8
Black	17,387	10.5	1,299	6.1	7.8
Other	3,812	2.3	510	2.4	13.4
Hispanic	8,986	5.4	769	3.6	8.6

Table 1. Characteristics of the population 17 years old and over and of participants in adult education, May 1981 (Continued)

Characteristic	Total population		Participants in adult education		Participation rate
	Number (in thousands)	Percent distribution	Number (in thousands)	Percent distribution	
School years completed:					
Elementary: 0-8 years	23,292	14.0	517	2.4	2.2
High school: 1-3 years	27,751	16.7	1,542	7.3	5.6
4 years	63,208	38.1	6,998	32.9	11.1
College: 1-3 years	27,052	16.3	5,307	25.0	19.6
4 years	14,714	9.0	3,839	18.1	26.1
5 years and over	9,812	5.9	3,050	14.4	31.1
Veterans (men)	28,344	36.2	3,674	39.3	13.0
Annual family income:					
Under $7,500	27,326	16.5	1,726	8.1	6.3
$7,500-9,999	10,903	6.6	888	4.2	8.1
$10,000-14,999	25,440	15.3	2,791	13.1	11.0
$15,000-19,999	21,173	12.8	2,784	13.1	13.1
$20,000-24,999	22,257	13.4	3,366	15.8	15.1
$25,000-49,999	39,933	24.1	7,307	34.4	18.3
$50,000 and over	8,673	5.2	1,634	7.7	18.8
Not reported	10,124	6.1	755	3.5	7.5
Geographic area:					
Metropolitan	113,464	68.4	15,387	72.4	13.6
Non-metropolitan	52,365	31.6	5,865	27.6	11.2
Northeast	36,370	21.9	3,747	17.6	10.3
North Central	42,507	25.6	5,741	27.0	13.5
South	54,928	33.1	6,133	28.9	11.2
West	32,025	19.4	5,630	26.5	17.6

NOTE: Details may not add to totals because of rounding.

population as a whole and among the participants in adult education. The following tabulation compares the percentage of total population and of adult education participants (excluding part-time college students) who completed at least 1 year of college:

Sex	Total population	Participants in adult education
	(percent)	
Total	29	44
Men	33	51
Women	26	39

Annual Family Income

Participants in adult education, on the average, had higher incomes than the general population. Approximately 58 percent of the adult education participants had average annual family incomes of $20,000 or more compared with 43 percent of the general population. Participation rates tend to be greater at each succeeding higher level of family income, ranging from 6 percent in the lowest income level to 19 percent in the upper income level. Women had higher participation rates than men at each annual family income level. The following tabulation compares the participation rates of men and women at each income level:

Annual family income	Total	Men	Women
		(percent)	
Less than $7,500	6.3	5.2	7.0
$ 7,500- 9,999	8.2	6.6	9.3
$10,000-14,999	11.0	8.6	13.0
$15,000-19,999	13.1	11.7	14.6
$20,000-24,999	15.1	14.5	15.8
$25,000-49,999	18.3	17.1	19.5
$50,000 and over	18.8	17.7	20.1

Geographic Area

The majority of participants in adult education were located in metropolitan areas — over 72 percent, compared with 68 percent of the total population, for a participation rate of 13.6 percent. However, some striking differences occur among regions. For example, the Western States, representing 19 percent of the U.S. population, had 27 percent of the adult education participants, or a participation rate of nearly 18 percent. The North Central States had a participation rate of 13.5 percent; in contrast, the Northeast and the South had less-than-average rates of 10.3 and 11.2 percent, respectively.

Labor Force Status

Participants in adult education were more likely than nonparticipants to be in the labor force, either employed (with a job) or unemployed (looking for work). In May 1981, 83 percent of the participants were in the labor force compared with 62 percent of the nonparticipants. Among participants, men were more likely than women to be in the labor force, 94 percent and 74 percent, respectively. Table 2 compares the labor force status of the total population, participants in adult education, and nonparticipants.

Of the 100 million employed adults 17 years of age and older in May 1981, nearly 17 million had participated in one or more adult education activities during the preceding 12 months. Employed men represented 90 percent of the total male participants and employed women, 70 percent of female participants.

Table 2. Labor force status of the population 17 years old and over and of participants in adult education, May 1981

Labor force status	Population 17 years old and over		Participants in adult education						Nonparticipants in adult education	
			Total		Men		Women			
	Number (in thousands)	Percent	Number (in thousands)	Percent	Number (in thousands)	Percent	Number (in thousands)	Percent	Number (in thousands)	Percent
Total	165,830	100.0	21,252	100.0	9,358	100.0	11,893	100.0	144,578	100.0
Labor force	107,394	64.8	17,640	83.0	8,803	94.1	8,837	74.3	89,754	62.1
Employed	99,862	60.2	16,798	79.0	8,434	90.1	8,364	70.3	83,064	57.4
Unemployed ...	7,531	4.5	842	4.0	368	3.9	473	4.0	6,690	4.7
Not in labor force .	58,436	35.2	3,612	17.0	556	5.9	3,056	25.7	54,824	37.9
Keeping house . .	31,923	19.3	2,397	11.3	17	.2	2,380	20.0	29,526	20.4
Going to school .	6,833	4.0	517	2.4	199	2.1	317	2.7	6,116	4.2
Other (unable to work, retired, etc)	19,680	12.0	698	3.3	340	3.6	359	3.0	19,182	13.3

NOTE: Details may not add to totals because of rounding.

Occupation of Employed Participants

Of the 17 million employed persons who took adult education courses, 70 percent were in white collar jobs compared with 53 percent of the total population in these jobs (see table 3). In contrast, blue collar workers who took adult education courses made up 30 percent of the total number of employed participants, whereas they comprised 47 percent of the employed population.

Of the employed women participants in adult education, over 79 percent were in white collar jobs, compared with 62 percent of the men in the same type of work. Among the white collar jobs held by women participants, nearly 32 percent were clerical jobs, 11 percent each were in teaching and health fields, and 10 percent were in "other" professional fields. Employed men, on the other hand, were primarily in "other" professional fields, with 21 percent of the total, and in managerial and administrative jobs with 17 percent. The rest of the participants were in blue collar jobs, with 18 percent of the men in crafts work and 13 percent of the women in service work.

Among persons in white collar occupations, professional, technical, and kindred workers accounted for the large percent difference between the participants and the total population. Professional and technical workers, such as teachers, physicians, and other health workers, are in professions that require frequent refresher or upgrading courses, and about a third of all workers in these fields took an adult education course in 1981. Among individual occupations, 43 percent of the employed health workers, 39 percent of the employed physicians and dentists, and 37 percent of employed teachers (except college teachers) took at least one course.

Table 3. Occupational distribution of employed population 17 years old and over and of participants in adult education, May 1981

Occupation	Population 17 years old and over		Participants in adult education						
			Total			Men		Women	
	Number (in thousands)	Percent	Number (in thousands)	Percent	Percent of population	Number (in thousands)	Percent	Number (in thousands)	Percent
Employed	99,862	100.0	16,798	100.0	16.8	8,434	100.0	8,364	100.0
White collar	52,492	52.6	11,822	70.4	22.5	5,187	61.5	6,635	79.3
Professional/technical	16,147	16.2	5,352	31.9	33.1	2,560	30.4	2,792	33.4
Teachers, except college	3,396	3.4	1,264	7.5	37.2	313	3.7	951	11.4
College teachers	595	.6	164	1.0	27.6	91	1.1	73	.9
Physicians, dentists	763	.8	301	1.8	39.4	262	3.1	39	.5
Health workers	2,276	2.3	979	5.8	43.0	88	1.0	891	10.7
Other	9,117	9.1	2,644	15.8	29.0	1,805	21.4	839	10.0
Managers and administrators	11,371	11.3	2,145	12.8	18.9	1,440	17.1	705	8.4
Sales workers	6,401	6.4	1,132	6.7	17.7	651	7.7	481	5.8
Clerical workers	18,573	18.6	3,193	19.0	17.2	536	6.4	2,657	31.8
Blue collar	47,370	47.4	4,977	29.6	10.5	3,247	38.5	1,728	20.7
Craft and kindred	12,908	12.9	1,732	10.3	13.4	1,549	18.4	183	2.2
Operatives	10,854	10.7	770	4.6	7.2	466	5.5	303	3.6
Transportation	3,444	3.4	244	1.5	7.1	197	2.3	47	.6
Nonfarm laborers	4,662	4.7	342	2.0	7.3	270	3.2	71	.8
Service workers	12,965	13.0	1,703	10.1	13.1	630	7.5	1,073	12.8
Farm workers	2,737	2.7	186	1.1	6.8	135	1.6	51	.6

NOTE: Details may not add to totals because of rounding.

Courses Taken by Participants in Adult Education

The more than 21 million participants in adult education took over 37 million courses during the year ending May 1981 — an average of 1.8 courses per participant. The types of courses taken by adults ranged from hobby and recreational courses to learning new techniques in the medical field. This section describes the types of courses taken by men and women, reasons for taking courses, providers of instruction, and the major sources of funding.

Types of Courses

Nearly half of the courses taken by adults were in the fields of business (23 percent), health (14 percent, including health care and health education), and engineering (10 percent) (see table 4). Over 54 percent of the courses taken by men and 41 percent of those taken by women were in these fields. Courses in business were the most popular for both men and women. In contrast, the majority (81 percent) of the engineering courses were taken by men and the majority of the health courses were taken by women.

Among the rest of the courses, the number taken by women exceeded those taken by men in almost every field except agriculture, social sciences, and "other" courses. As would be expected, very few courses in home economics were taken by men, but three times as many courses in physical education were taken by women than by men.

Reasons for Taking Courses

Job-related reasons were most often cited as the purpose for taking an adult education course. Of the 37 million courses, 60 percent were taken to advance in a job or to get a job. Men and women each took about 11 million job-related courses, but this figure represents a higher proportion for men than for women, 69 percent compared with 54 percent (see table 5). Most men listed advancement in a job as their main reason for taking the course. During their major working years between 25 and 64 years of age, men maintained a high proportion of job-related courses (71 to 75 percent), compared with non-job-related courses. In contrast, the proportion of courses taken by women for job-related reasons ranged from 43 percent to 59 percent in the same age groups.

Only 31 percent of the courses taken by men were for non-job-related reasons, compared with 46 percent of the courses taken by women. Most of these non-job-related courses were taken for personal or social reasons; 19 percent of the courses taken by men and 34 percent of those taken by women were for personal and social reasons.

Most courses were not taken for school credit or other scholastic recognition. Only about 24 percent of the courses taken were for credit leading to an elementary or high school diploma, vocational certificate, or a college degree. Similarly, only 15 percent of the courses were taken to obtain or renew a license in a profession or trade.

Table 4. Type of courses taken by participants in adult education, May 1981

Type of course	Total courses		Courses taken by men		Courses taken by women		Courses taken by women as percent of total
	Number (in thousands)	Percent	Number (in thousands)	Percent	Number (in thousands)	Percent	
Total courses	37,381	100.0	16,182	100.0	21,199	100.0	56.7
Agriculture	449	1.2	326	2.0	123	.6	27.4
Arts	2,373	6.3	576	3.6	1,797	8.5	75.7
Business	8,564	22.9	4,171	25.8	4,393	20.7	51.3
Education	2,926	7.8	897	5.4	2,028	9.6	69.3
Engineering	3,654	9.8	2,970	18.4	683	3.2	18.7
Health care	3,993	10.7	1,236	7.6	2,757	13.0	69.0
Health education	1,150	3.1	361	2.2	789	3.7	68.6
Home economics	1,245	3.3	84	.5	1,162	5.5	99.3
Personal services	713	1.9	296	1.8	417	2.0	58.5
Language and literature	2,184	5.8	813	5.0	1,371	6.5	62.8
Life sciences	1,205	3.2	594	3.7	611	2.9	50.7
Philosophy-religion	2,606	7.0	1,033	6.4	1,573	7.4	60.4
Physical education	2,377	6.4	621	3.8	1,756	8.3	73.9
Social sciences	1,929	5.2	1,072	6.6	856	4.0	44.4
Interdisciplinary studies	337	.9	132	.8	205	1.0	60.8
Other	1,678	4.5	998	6.2	680	3.2	40.5

NOTE: Details may not add to totals because of rounding.

Table 5. Main reason for taking courses, school credit objectives, and trade or professional objectives, May 1981

Item	Total courses		Courses taken by men		Courses taken by women		Courses taken by women as percent of total
	Number (in thousands)	Percent	Number (in thousands)	Percent	Number (in thousands)	Percent	
Total	37,381	100.0	16,182	100.0	21,199	100.0	56.7
Main reason for taking course:							
Job-related	22,534	60.3	11,202	69.2	11,332	53.5	50.3
To get new job	4,398	11.8	1,699	10.5	2,699	12.7	61.4
In current occupation	741	2.0	268	1.7	473	2.2	63.8
In new occupation	3,657	9.8	1,431	8.8	2,226	10.5	60.9
To advance in job	16,659	44.6	8,748	54.1	7,911	37.3	47.5
Other job-related	1,477	4.0	754	4.7	723	3.4	49.0
Non-job-related	14,738	39.4	4,950	30.6	9,788	46.2	66.4
American citizenship	60	.2	21	.1	39	.2	65.0
General education	3,603	9.6	1,511	9.3	2,092	9.9	58.1
Volunteer work	490	1.3	245	1.5	245	1.2	50.0
Personal or social	10,187	27.3	3,011	18.6	7,176	33.9	70.4
Other non-job-related	398	1.1	161	1.0	237	1.1	59.5
Not reported	108	.3	30	.2	78	.4	72.2
School credit objectives:							
Elementary or high school diploma	1,017	2.7	342	2.1	675	3.2	66.4
Vocational certificate	1,190	3.2	553	3.4	637	3.0	53.5
2-year college degree	2,204	5.9	770	4.8	1,434	6.8	65.1
4-year college degree	2,531	6.8	1,202	7.4	1,329	6.3	52.5
Postgraduate/professional degree	1,974	5.3	927	5.7	1,047	4.9	53.0
None or not applicable	28,465	76.1	12,385	76.5	16,080	75.9	56.5
Trade or professional objectives:							
To obtain license	2,584	6.9	1,297	8.0	1,287	6.1	49.8
To renew license	2,835	7.6	1,225	7.6	1,610	7.6	56.8
Neither	31,961	85.5	13,660	84.4	18,301	86.3	57.3

NOTE: Details may not add to totals because of rounding.

Providers of Instruction

Nearly 54 percent of the adult education courses were taken in a school setting; the rest were provided by business or industry, community agencies, government agencies, and other nonschool settings. Over 58 percent of the courses taken in school and 62 percent of those taken in nonschools were for job-related reasons. Nearly a fourth of the courses were provided by the employer of the respondent. The following tabulation shows the percent of courses that were job-related, by provider:

Provider of instruction	Number (in thousands)	Percent	Percent job-related
Total	37,381	100.0	60.3
School setting	20,154	53.9	58.5
Elementary/high school	2,551	6.8	23.2
2-year college	7,030	18.8	53.2
4-year college	7,160	19.2	67.3
Vocational/trade school	3,413	9.1	77.0
Non-school setting	17,227	46.1	62.4
Tutor	1,637	4.4	32.9
Business/industry	5,119	13.7	89.9
Labor/professional assn.	1,858	5.0	95.0
Government agency	2,934	7.8	87.8
Community agency	3,172	8.5	16.2
Other	2,507	6.7	53.5
Employer was provider	9,260	24.8	–

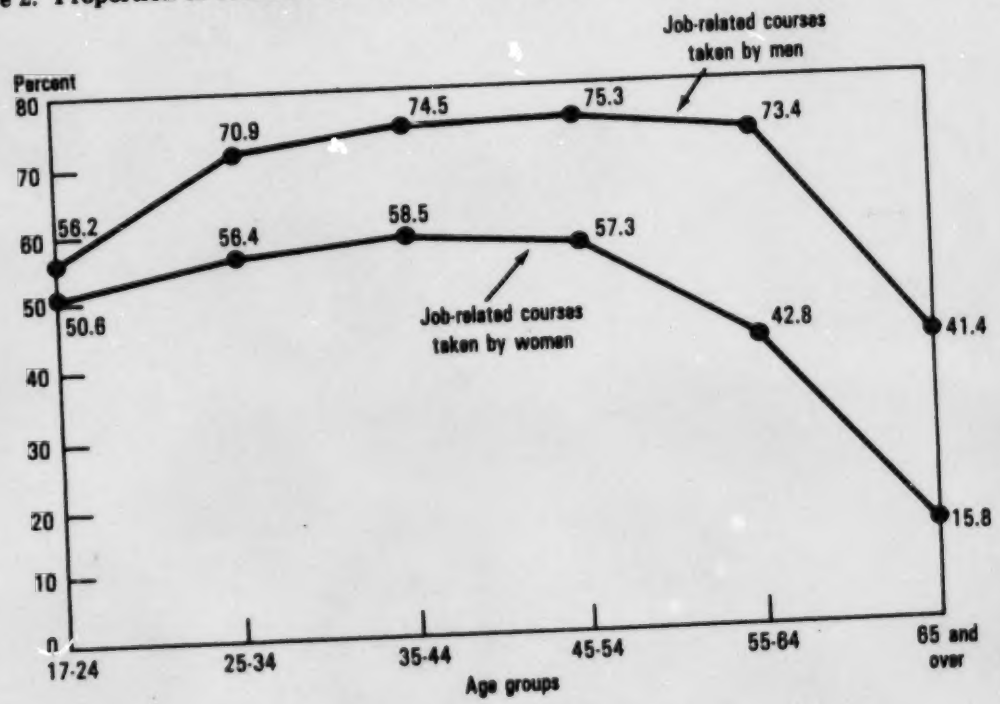
Major Sources of Funding

Nearly half of the adult education courses were paid for solely by the participant or family — 39 percent by men and 54 percent by women. The remaining courses were paid for through other sources, such as public funds or business/industry. Employers were a source of funding, in full or in part, for 41 percent of the courses taken by men and 26 percent of those taken by women. The following tabulation shows the number and percent of courses paid for by the major sources of funding:

Major source of funding	Total courses		Courses taken by men		Courses taken by women	
	Number (in thousands)	Percent	Number (in thousands)	Percent	Number (in thousands)	Percent
Total courses	37,381	100.0	16,182	100.0	21,199	100.0
Paid for by self or family	17,760	47.5	6,313	39.0	11,447	54.0
Public funding	6,402	17.1	3,100	19.2	3,302	15.6
Business/industry	8,090	21.6	4,710	29.1	3,380	15.9
Other sources	5,129	13.8	2,059	12.7	3,070	14.5
Employer was source	12,287	32.9	6,897	41.4	5,590	26.4

The average amount of money paid per course by the participant or family was $120. Men reported paying an average of $165, women $95. The total amount of money spent by participants or their families for adult education courses represented a national expenditure of $2.2 billion for the year ending May 1981.

Figure 2. Proportion of courses taken by men and women for job-related reasons, by age group.



Appendix A

Tables

Table A. Student status of adults, by population characteristic: United States, year ending May 1981.

(NUMBERS IN THOUSANDS.)

POPULATION CHARACTERISTIC	TOTAL POPULATION, 17 YEARS OLD & OVER	ADULT EDUCATION PARTICIPANTS						NOT ADULT EDUCATION PARTICIPANTS					
		TOTAL	FULL-TIME STUDENTS				NOT FULL-TIME STUDENTS	TOTAL	FULL-TIME STUDENTS				NOT FULL-TIME STUDENTS
			TOTAL	ELEMENTARY & HIGH SCHOOL	COLLEGE	VOCATIONAL			TOTAL	ELEMENTARY & HIGH SCHOOL	COLLEGE	VOCATIONAL	
AGE, BOTH SEXES													
17 YEARS OLD & OVER	160,830	21,252	1,228	272	651	304	20,024	144,978	10,048	4,631	4,853	561	134,933
17 TO 24 YEARS	33,073	3,991	700	339	299	63	3,290	29,132	8,919	4,599	3,978	342	20,213
25 TO 34 YEARS	37,714	7,509	312	17	223	72	7,197	30,205	858	16	710	132	29,347
35 TO 44 YEARS	26,113	4,012	142	9	91	42	4,369	21,401	167	6	37	44	21,234
45 TO 54 YEARS	22,480	2,821	44	3	30	11	2,778	19,634	62	4	10	21	19,572
55 TO 64 YEARS	21,722	1,702	23	4	6	14	1,677	20,020	30	-	2	17	19,990
65 YEARS OLD & OVER	24,753	768	5	3	3	1	762	23,985	8	-	-	6	23,977
RACE/ETHNIC GROUP													
NONHISPANIC	136,844	20,483	1,189	355	640	194	19,294	136,361	9,493	4,344	4,935	214	126,868
WHITE	119,445	18,674	1,052	321	569	163	17,621	110,971	7,600	3,818	3,615	166	103,372
BLACK	17,387	1,299	100	23	53	24	1,198	16,089	1,477	486	843	128	14,612
OTHER	3,812	510	36	11	18	7	474	3,302	417	140	257	20	2,885
HISPANIC	8,986	769	39	18	11	10	730	8,216	551	287	218	47	7,665
YEARS OF SCHOOL COMPLETED													
ELEMENTARY: 0 TO 8 YEARS	23,292	517	25	12	6	8	492	22,775	132	85	-	48	22,642
HIGH SCHOOL: 1 TO 3 YEARS	27,781	1,942	354	323	6	25	1,587	25,839	4,634	4,544	-	90	21,205
4 YEARS	43,208	4,998	245	21	120	104	4,753	38,209	1,672	2	1,337	333	36,539
COLLEGE: 1 TO 3 YEARS	27,052	5,307	375	9	335	31	4,931	21,745	3,096	-	3,023	73	18,652
4 YEARS	14,714	3,839	84	6	69	11	3,755	10,876	232	-	220	13	10,643
5 YEARS OR MORE	9,812	3,050	148	3	117	29	2,905	6,762	280	-	273	7	6,482
VETERANS (MEN)	28,344	3,674	129	7	70	47	3,551	24,669	244	4	198	42	24,426
ANNUAL FAMILY INCOME 1/													
UNDER $7,500	27,328	1,726	195	23	119	53	1,531	25,600	1,531	610	786	195	24,068
$7,500 TO $9,999	10,903	868	64	9	47	8	804	10,035	508	235	220	53	9,507
$10,000 TO $14,999	25,490	2,791	154	45	92	17	2,637	22,699	1,221	626	506	88	21,478
$15,000 TO $19,999	21,173	2,784	149	47	87	34	2,635	18,389	998	492	440	85	17,391
$20,000 TO $24,999	22,287	3,366	161	54	87	40	3,206	18,891	1,289	652	596	92	17,601
$25,000 TO $34,999	36,933	7,307	342	135	167	41	6,965	32,626	3,044	1,440	1,484	120	29,582
$35,000 TO $49,999	8,673	1,634	103	41	55	6	1,531	7,039	991	364	614	12	6,048
$50,000 & OVER	10,124	755	40	18	17	5	715	9,369	462	211	236	15	8,907
NOT REPORTED													
LABOR FORCE STATUS 2/													
IN LABOR FORCE	107,299	17,640	852	211	484	157	16,788	89,794	4,982	2,271	2,429	493	84,772
EMPLOYED	99,862	16,798	779	185	448	143	16,022	83,064	4,282	1,946	2,097	438	78,782
UNEMPLOYED	7,531	842	74	26	36	14	766	6,690	701	325	331	44	5,989
NOT IN LABOR FORCE	56,436	3,612	377	162	167	47	3,236	54,824	5,062	2,359	2,424	278	49,762
KEEPING HOUSE	31,923	2,397	67	13	25	10	2,349	29,526	86	23	41	23	29,440
GOING TO SCHOOL	6,633	517	363	149	123	30	214	6,116	4,779	2,302	2,251	226	1,327
OTHER	19,880	698	24	-	19	7	672	19,182	196	34	133	29	18,985
OCCUPATION OF EMPLOYED PERSONS													
PROFESSIONAL, TECHNICAL, & KINDRED WORKERS	16,168	5,352	193	6	154	33	5,159	10,796	395	30	352	13	10,401
TEACHERS, EXCEPT COLLEGE	3,396	1,284	40	2	35	4	1,223	2,132	44	6	37	-	2,089
COLLEGE TEACHERS	595	164	6	-	6	-	158	430	42	-	42	-	388
PHYSICIANS, DENTISTS, & RELATED PRACTITIONERS	763	301	6	-	3	3	295	462	9	-	7	2	454
HEALTH WORKERS, EXCEPT PRACTITIONERS	2,276	979	43	-	32	10	927	1,297	56	3	48	5	1,241
OTHER	9,117	2,644	98	2	78	16	2,548	6,474	244	21	217	6	6,229
MANAGERS & ADMINISTRATORS, EXCEPT FARM	11,371	2,195	63	3	30	10	2,102	9,226	96	24	64	8	9,130
SALES WORKERS	6,401	1,132	70	24	31	14	1,062	5,269	464	194	249	21	4,805
CLERICAL WORKERS	18,873	3,193	167	45	109	13	3,026	15,380	925	378	490	58	14,455
CRAFT & KINDRED WORKERS	12,908	1,732	81	8	24	19	1,681	11,176	167	69	72	26	11,009
OPERATIVES, EXCEPT TRANSPORT	10,684	770	39	16	17	6	731	9,885	245	129	90	31	9,640
TRANSPORT EQUIPMENT OPERATIVES	3,444	284	13	6	3	4	251	3,200	67	24	36	7	3,133
NONFARM LABORERS	4,042	342	39	19	16	4	302	4,320	509	310	191	8	3,811
SERVICE WORKERS, INCLUDING PRIVATE HOUSEHOLD	13,963	1,703	154	58	66	32	1,547	11,262	1,318	724	529	94	9,944
FARM WORKERS (FARMERS, MANAGERS, LABORERS, & SUPERVISORS)	2,737	186	5	1	1	4	181	2,551	97	71	23	3	2,454
TYPE OF AREA & REGION													
METROPOLITAN	113,469	15,387	914	276	502	136	14,473	98,078	7,325	3,171	3,751	404	90,753
NONMETROPOLITAN	47,360	5,865	314	97	149	68	5,551	46,900	2,719	1,460	1,102	157	43,781
NORTHEAST	36,370	3,707	209	64	102	43	3,536	32,623	2,471	1,137	1,228	106	30,152
NORTH CENTRAL	42,907	5,741	381	98	197	86	5,391	36,765	2,511	1,178	1,193	152	34,254
SOUTH	54,928	6,133	352	104	186	62	5,782	48,795	3,010	1,503	1,324	183	45,785
WEST	33,025	5,630	317	104	166	48	5,314	26,595	2,093	815	1,117	121	24,342

1/ NUMBERS MAY INCLUDE NONFAMILY MEMBERS.
2/ FOR THE WEEK ENDING MAY 16, 1981.

NOTE: DETAILS MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

Table B. Age and sex of participants in adult education, by population characteristic: United States, year ending May 1981

(NUMBERS IN THOUSANDS.)

POPULATION CHARACTERISTIC	TOTAL MEN & WOMEN	MEN							WOMEN						
		TOTAL	17 TO 24 YEARS	25 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 64 YEARS	65 YEARS & OVER	TOTAL	17 TO 24 YEARS	25 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 64 YEARS	65 YEARS & OVER
TOTAL	21,252	9,958	1,640	3,385	2,075	1,240	739	278	11,293	2,300	4,123	2,437	1,381	962	490
RACE/ETHNIC GROUP															
NONHISPANIC	20,483	9,026	1,563	3,298	2,017	1,192	732	274	11,457	2,186	3,960	2,348	1,337	944	482
WHITE	18,674	8,279	1,412	2,935	1,870	1,104	697	261	10,395	1,957	3,559	2,140	1,201	877	462
BLACK	1,299	505	104	214	98	64	16	10	793	179	296	152	94	57	15
OTHER	510	242	46	98	49	25	20	3	269	50	106	56	42	11	5
HISPANIC	769	333	78	137	58	48	7	4	437	114	163	89	44	18	8
YEARS OF SCHOOL COMPLETED															
ELEMENTARY: 0 TO 8 YEARS	517	249	35	40	44	51	38	41	268	36	51	45	27	58	53
HIGH SCHOOL: 1 TO 3 YEARS	1,542	630	298	114	76	69	35	37	912	403	173	97	105	75	60
4 YEARS	6,998	2,982	707	823	541	352	185	93	4,346	979	1,274	885	649	403	158
COLLEGE: 1 TO 3 YEARS	5,307	2,237	388	957	418	267	157	49	3,070	602	1,160	629	350	213	116
4 YEARS	3,839	1,930	183	831	409	223	137	46	2,008	282	926	412	239	125	84
5 YEARS OR MORE	3,050	1,760	29	619	584	278	188	62	1,290	39	540	369	210	88	43
VETERANS (MEN)	3,674	3,674	125	898	1,064	877	594	117	(X)	(X)	(X)	(X)	(X)	(X)	(X)
ANNUAL FAMILY INCOME 1/															
UNDER $7,500	1,726	935	208	177	61	33	22	33	1,191	351	347	152	113	87	142
$7,500 TO $9,999	688	319	115	107	32	23	13	28	369	144	107	88	37	46	47
$10,000 TO $14,999	2,791	1,012	281	444	158	50	39	38	1,779	444	736	226	117	156	100
$15,000 TO $19,999	2,786	1,215	235	592	208	98	51	34	1,569	345	630	230	172	124	59
$20,000 TO $24,999	3,346	1,936	210	701	401	177	99	49	1,730	268	650	402	231	135	45
$25,000 TO $49,999	7,307	3,917	432	1,176	890	602	356	60	3,790	533	1,295	1,004	644	261	53
$50,000 & OVER	1,034	809	110	120	244	194	119	22	825	109	186	229	202	98	9
NOT REPORTED	755	315	51	66	80	67	39	13	440	86	62	98	65	64	34
LABOR FORCE STATUS 2/															
IN LABOR FORCE	17,640	8,803	1,476	3,301	2,047	1,219	641	120	8,837	1,833	3,213	1,889	1,211	599	97
EMPLOYED	16,798	8,434	1,323	3,166	1,997	1,199	631	118	8,364	1,667	3,046	1,831	1,157	570	93
UNEMPLOYED	842	368	153	135	50	19	10	1	473	167	167	58	54	29	5
NOT IN LABOR FORCE	3,612	956	164	85	28	22	98	158	3,056	467	910	548	170	369	393
KEEPING HOUSE	2,397	17	3	4	2	-	7	-	2,380	247	770	445	322	307	288
GOING TO SCHOOL	517	199	135	45	11	2	4	2	317	173	82	41	14	3	4
OTHER	698	340	27	35	14	20	87	156	359	47	58	61	34	58	100
OCCUPATION OF EMPLOYED PERSONS															
PROFESSIONAL, TECHNICAL, & KINDRED WORKERS	5,452	2,660	183	1,001	727	398	207	43	2,792	338	1,155	682	414	168	35
TEACHERS, EXCEPT COLLEGE	1,266	313	12	137	98	48	13	5	951	74	374	271	155	59	18
COLLEGE TEACHERS	184	91	1	35	25	22	12	6	73	4	29	19	17	9	-
PHYSICIANS, DENTISTS, & RELATED PRACTITIONERS	301	262	-	97	91	52	53	20	39	5	14	9	6	4	-
HEALTH WORKERS, EXCEPT PRACTITIONERS	979	88	11	47	12	17	1	-	891	122	359	215	128	54	12
OTHER	2,644	1,905	160	735	511	259	128	12	839	134	379	171	107	42	5
MANAGERS & ADMINISTRATORS, EXCEPT FARM	2,145	1,440	84	479	439	260	162	17	705	72	251	163	147	63	8
SALES WORKERS	1,132	651	97	240	132	109	62	13	481	102	166	105	79	25	4
CLERICAL WORKERS	3,193	936	112	204	76	96	36	17	2,657	688	916	572	321	165	29
CRAFT & KINDRED WORKERS	1,732	1,549	383	622	315	189	90	9	183	45	66	51	11	9	-
OPERATIVES, EXCEPT TRANSPORT	770	466	146	196	76	31	17	2	303	82	97	65	26	35	1
TRANSPORT EQUIPMENT OPERATIVES	244	197	55	77	31	21	10	2	47	6	15	12	5	8	1
NONFARM LABORERS	342	270	128	89	32	4	11	5	71	28	23	5	6	9	-
SERVICE WORKERS, INCLUDING PRIVATE HOUSEHOLD	1,703	630	158	215	152	75	25	4	1,073	331	341	187	139	78	17
FARM WORKERS (FARMERS, MANAGERS, LABORERS, & SUPERVISORS)	184	138	37	43	17	16	17	5	51	9	15	10	10	10	1
TYPE OF AREA & REGION															
METROPOLITAN	15,387	6,708	1,214	2,431	1,501	898	516	191	8,679	1,711	3,065	1,728	1,121	904	350
NONMETROPOLITAN	5,865	2,951	426	954	574	385	223	87	3,214	590	1,058	709	460	264	134
NORTHEAST	3,747	1,691	299	605	383	213	100	52	2,095	498	735	502	314	158	78
NORTH CENTRAL	5,741	2,998	463	926	527	322	189	72	3,243	654	1,140	620	406	274	149
SOUTH	6,133	2,984	471	962	614	363	217	58	3,447	680	1,189	731	462	269	117
WEST	5,630	2,923	408	892	551	343	234	95	3,108	558	1,059	684	399	262	146

1/ NUMBERS MAY INCLUDE NONFAMILY MEMBERS.
2/ FOR THE WEEK ENDING MAY 16, 1981.

NOTE: DETAILS MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

Table C. Race/ethnic group and sex of participants in adult education, by population characteristic: United States, year ending May 1981

(NUMBERS IN THOUSANDS.)

POPULATION CHARACTERISTIC	TOTAL MEN & WOMEN	MEN					WOMEN				
		TOTAL	NONHISPANIC WHITE	NONHISPANIC BLACK	NONHISPANIC OTHER	HISPANIC	TOTAL	NONHISPANIC WHITE	NONHISPANIC BLACK	NONHISPANIC OTHER	HISPANIC
AGE, BOTH SEXES											
17 YEARS OLD & OVER	21,252	9,358	8,279	505	242	333	11,893	10,395	793	289	437
17 TO 24 YEARS	3,941	1,640	1,412	104	46	78	2,300	1,957	179	90	114
25 TO 34 YEARS	7,509	3,385	2,935	214	98	137	4,123	3,559	296	106	163
35 TO 44 YEARS	4,512	2,075	1,870	98	49	58	2,437	2,140	152	56	89
45 TO 54 YEARS	2,821	1,240	1,104	64	25	48	1,581	1,401	94	42	44
55 TO 64 YEARS	1,702	739	697	16	20	7	962	877	17	11	18
65 YEARS OLD & OVER	768	278	261	10	3	4	490	462	15	5	8
YEARS OF SCHOOL COMPLETED											
ELEMENTARY: 0 TO 8 YEARS	517	249	141	30	28	50	268	131	38	40	62
HIGH SCHOOL: 1 TO 3 YEARS	1,542	630	526	51	17	36	912	708	134	14	94
4 YEARS	6,998	2,652	2,337	171	42	107	4,346	3,848	273	56	169
COLLEGE: 1 TO 3 YEARS	5,307	2,237	1,987	130	38	81	3,070	2,714	102	77	97
4 YEARS	3,839	1,830	1,693	61	48	28	2,008	1,835	98	44	33
5 YEARS OR MORE	3,050	1,760	1,594	61	68	36	1,290	1,159	74	36	21
VETERANS (MEN)	3,674	3,674	3,330	200	56	88	(X)	(X)	(X)	(X)	(X)
ANNUAL FAMILY INCOME 1/											
UNDER $7,500	1,726	535	390	68	33	44	1,191	861	210	40	81
$7,500 TO $9,999	888	319	265	13	11	29	569	466	59	22	27
$10,000 TO $14,999	2,791	1,012	841	91	27	53	1,779	1,478	166	50	85
$15,000 TO $19,999	2,784	1,215	1,051	92	19	54	1,569	1,375	98	28	68
$20,000 TO $24,999	3,366	1,636	1,466	81	43	46	1,730	1,584	80	17	50
$25,000 TO $49,999	7,307	3,517	3,244	125	68	80	3,790	3,479	144	73	95
$50,000 & OVER	1,634	809	757	17	25	10	825	763	14	32	16
NOT REPORTED	755	315	265	16	16	16	440	389	27	8	16
LABOR FORCE STATUS 2/											
IN LABOR FORCE	17,440	8,803	7,821	474	195	312	8,637	7,729	636	186	306
EMPLOYED	16,798	8,434	7,536	412	186	299	8,364	7,385	539	155	285
UNEMPLOYED	842	368	284	62	9	12	473	343	98	11	21
NOT IN LABOR FORCE	3,612	556	458	31	46	21	3,056	2,666	157	103	130
KEEPING HOUSE	2,397	17	15	-	2	-	2,380	2,114	103	64	99
GOING TO SCHOOL	517	199	139	14	36	11	317	237	27	30	23
OTHER	698	340	305	17	8	9	359	315	26	9	8
OCCUPATION OF EMPLOYED PERSONS											
PROFESSIONAL, TECHNICAL, & KINDRED WORKERS	5,352	2,560	2,332	89	77	62	2,792	2,493	185	44	50
TEACHERS, EXCEPT COLLEGE	1,284	313	289	10	6	8	951	827	84	13	26
COLLEGE TEACHERS	184	91	78	6	7	-	73	67	4	-	2
PHYSICIANS, DENTISTS, & RELATED PRACTITIONERS	301	262	237	6	14	5	39	31	2	3	3
HEALTH WORKERS, EXCEPT PRACTITIONERS	979	88	75	7	6	-	891	816	42	29	13
OTHER	2,644	1,805	1,652	60	43	49	839	751	53	28	7
MANAGERS & ADMINISTRATORS, EXCEPT FARM	2,145	1,440	1,331	42	27	40	705	645	30	12	18
SALES WORKERS	1,132	651	610	22	4	15	481	454	5	5	18
CLERICAL WORKERS	3,193	536	442	38	17	39	2,657	2,368	173	35	101
CRAFT & KINDRED WORKERS	1,933	1,549	1,385	67	23	54	383	170	8	2	4
OPERATIVES, EXCEPT TRANSPORT	770	466	374	67	11	34	303	242	16	15	30
TRANSPORT EQUIPMENT OPERATIVES	244	197	173	14	3	8	47	40	3	3	-
NONFARM LABORERS	342	270	235	12	6	18	71	63	7	-	2
SERVICE WORKERS, INCLUDING PRIVATE HOUSEHOLD	1,703	630	531	60	16	22	1,073	885	113	19	60
FARM WORKERS (FARMERS, MANAGERS, LABORERS, & SUPERVISORS)	186	135	129	2	2	4	51	45	-	2	4
TYPE OF AREA & REGION											
METROPOLITAN	15,387	6,708	5,800	412	211	285	8,679	7,451	499	211	367
NONMETROPOLITAN	5,865	2,651	2,479	94	30	48	3,214	2,944	144	57	69
NORTHEAST	3,787	1,691	1,493	78	24	52	2,095	1,848	150	25	73
NORTH CENTRAL	5,741	2,498	2,350	78	34	33	3,243	3,045	117	36	45
SOUTH	4,133	2,086	2,289	257	41	99	3,447	2,868	423	38	118
WEST	5,830	2,523	2,147	92	136	148	3,108	2,634	103	170	201

1/ NUMBERS MAY INCLUDE NONFAMILY MEMBERS.
2/ FOR THE WEEK ENDING MAY 16, 1981.

NOTE: DETAILS MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

Table D. Labor force status and sex of participants in adult education, by population characteristic: United States, week ending May 16, 1981.

(NUMBERS IN THOUSANDS.)

POPULATION CHARACTERISTIC	TOTAL MEN & WOMEN	MEN							WOMEN						
		TOTAL	IN LABOR FORCE		NOT IN LABOR FORCE				TOTAL	IN LABOR FORCE		NOT IN LABOR FORCE			
			EMPLOYED	UNEMPLOYED	KEEPING HOUSE	SCHOOL	OTHER			EMPLOYED	UNEMPLOYED	KEEPING HOUSE	SCHOOL	OTHER	
AGE, BOTH SEXES															
17 YEARS OLD & OVER	21,252	9,358	8,439	368	17	199	340		11,893	8,384	473	2,380	317	339	
17 TO 24 YEARS	3,941	1,440	1,323	153	3	135	27		2,300	1,667	167	267	173	47	
25 TO 34 YEARS	7,509	3,385	3,184	138	4	45	35		4,123	3,046	167	770	82	58	
35 TO 44 YEARS	4,512	2,075	1,997	50	2	11	14		2,437	1,831	58	445	41	61	
45 TO 54 YEARS	2,821	1,240	1,199	19	-	2	20		1,581	1,157	54	322	14	34	
55 TO 64 YEARS	1,702	739	631	10	7	4	87		962	570	24	307	3	58	
65 YEARS OLD & OVER	768	278	118	1	-	2	156		490	93	5	288	4	100	
RACE/ETHNIC GROUP															
NONHISPANIC	20,483	9,026	8,135	356	16	188	330		11,457	8,079	452	2,281	294	350	
WHITE	18,674	8,279	7,536	284	15	139	305		10,395	7,385	343	2,114	237	315	
BLACK	1,299	503	412	62	-	14	17		793	539	98	103	27	26	
OTHER	510	242	186	9	2	36	8		269	155	11	64	30	9	
HISPANIC	769	333	299	12	-	11	9		437	285	21	99	23	8	
YEARS OF SCHOOL COMPLETED															
ELEMENTARY: 0 TO 8 YEARS	517	249	185	20	-	24	51		268	79	17	140	16	15	
HIGH SCHOOL: 1 TO 3 YEARS	1,542	630	463	53	-	71	43		912	431	80	261	103	36	
4 YEARS	6,998	2,652	2,389	128	9	42	85		4,346	2,984	183	972	83	123	
COLLEGE: 1 TO 3 YEARS	5,307	2,237	2,032	102	2	36	65		3,070	2,225	120	539	86	100	
4 YEARS	3,839	1,830	1,712	47	5	9	57		2,008	1,551	51	342	23	42	
5 YEARS OR MORE	3,050	1,760	1,684	20	-	17	39		1,290	1,094	21	127	7	41	
VETERANS (MEN)	3,674	3,674	3,377	114	4	18	162		(X)	(X)	(X)	(X)	(X)	(X)	
ANNUAL FAMILY INCOME 1/															
UNDER $7,500	1,726	535	324	102	4	47	58		1,191	621	135	294	68	74	
$7,500 TO $9,999	888	319	233	37	3	11	35		569	395	26	94	18	36	
$10,000 TO $14,999	2,791	1,012	872	92	4	27	57		1,779	1,294	62	326	44	52	
$15,000 TO $19,999	2,784	1,215	1,108	91	-	14	42		1,569	1,120	73	296	44	36	
$20,000 TO $24,999	3,366	1,636	1,523	50	2	12	49		1,730	1,228	55	378	26	43	
$25,000 TO $49,999	7,307	3,517	3,334	62	4	55	63		3,790	2,876	93	688	51	71	
$50,000 & OVER	1,634	809	757	6	-	25	21		825	546	10	209	35	25	
NOT REPORTED	755	315	283	9	-	9	15		440	283	19	95	22	22	
OCCUPATION OF EMPLOYED PERSONS															
PROFESSIONAL, TECHNICAL, & KINDRED WORKERS	5,352	2,560	2,560	-	-	-	-		2,792	2,792	-	-	-	-	
TEACHERS, EXCEPT COLLEGE	1,264	313	313	-	-	-	-		951	951	-	-	-	-	
COLLEGE TEACHERS	164	91	91	-	-	-	-		73	73	-	-	-	-	
PHYSICIANS, DENTISTS, & RELATED PRACTITIONERS	301	262	262	-	-	-	-		39	39	-	-	-	-	
HEALTH WORKERS, EXCEPT PRACTITIONERS	979	88	88	-	-	-	-		891	891	-	-	-	-	
OTHER	2,644	1,805	1,805	-	-	-	-		839	839	-	-	-	-	
MANAGERS & ADMINISTRATORS, EXCEPT FARM	2,145	1,440	1,440	-	-	-	-		705	705	-	-	-	-	
SALES WORKERS	1,132	651	651	-	-	-	-		481	481	-	-	-	-	
CLERICAL WORKERS	3,193	536	536	-	-	-	-		2,657	2,657	-	-	-	-	
CRAFT & KINDRED WORKERS	1,732	1,549	1,549	-	-	-	-		183	183	-	-	-	-	
OPERATIVES, EXCEPT TRANSPORT	770	466	466	-	-	-	-		303	303	-	-	-	-	
TRANSPORT EQUIPMENT OPERATIVES	244	197	197	-	-	-	-		47	47	-	-	-	-	
NONFARM LABORERS	342	270	270	-	-	-	-		71	71	-	-	-	-	
SERVICE WORKERS, INCLUDING PRIVATE HOUSEHOLD	1,703	630	630	-	-	-	-		1,073	1,073	-	-	-	-	
FARM WORKERS (FARMERS, MANAGERS, LABORERS, & SUPERVISORS)	186	135	135	-	-	-	-		51	51	-	-	-	-	
TYPE OF AREA & REGION															
METROPOLITAN	15,387	6,708	6,039	256	15	101	237		8,679	6,116	339	1,698	243	284	
NONMETROPOLITAN	5,865	2,651	2,396	112	2	38	103		3,214	2,268	134	683	75	75	
NORTHEAST	3,741	1,651	1,482	73	-	27	69		2,095	1,446	87	480	91	92	
NORTH CENTRAL	5,741	2,498	2,254	128	9	38	70		3,243	2,258	146	648	90	91	
SOUTH	6,133	2,886	2,678	72	7	48	81		3,447	2,556	122	611	73	85	
WEST	5,630	2,923	2,220	95	1	87	120		3,108	2,103	119	641	114	131	

1/ NUMBERS MAY INCLUDE NONFAMILY MEMBERS.
NOTE: DETAILS MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

Table E. Number of courses taken by participants in adult education, by age and sex of participant and by course characteristic: United States, year ending May 1981.

(NUMBERS IN THOUSANDS.)

COURSE CHARACTERISTIC	TOTAL COURSES	COURSES TAKEN BY MEN							COURSES TAKEN BY WOMEN						
		TOTAL	17 TO 24 YEARS	25 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 64 YEARS	65 YEARS & OVER	TOTAL	17 TO 24 YEARS	25 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 64 YEARS	65 YEARS & OVER
TOTAL COURSES	37,381	16,182	2,713	6,103	3,637	2,063	1,245	420	21,199	4,071	7,525	4,994	2,717	1,618	714
MAIN REASON FOR TAKING COURSE															
JOB-RELATED REASONS	22,934	11,202	1,524	4,326	2,710	1,554	914	174	11,333	2,060	4,245	2,663	1,556	693	113
TO GET A NEW JOB	4,398	1,699	604	678	237	117	58	6	2,699	892	947	555	244	54	9
IN CURRENT OR FORMER OCCUPATION	741	269	38	120	59	13	19	-	473	130	174	107	58	6	1
IN NEW OCCUPATIONAL FIELD	3,657	1,430	566	554	178	104	39	5	2,226	761	773	448	188	48	8
TO IMPROVE OR ADVANCE IN CURRENT JOB	16,659	8,749	805	3,403	2,309	1,289	780	162	7,910	1,071	3,030	1,935	1,191	581	102
OTHER JOB-RELATED REASONS	1,477	794	116	295	164	148	76	6	723	97	249	174	123	58	2
NON-JOB-RELATED REASONS	14,738	4,949	1,176	1,768	921	506	332	247	9,789	2,009	3,247	1,879	1,164	916	592
FOR AMERICAN CITIZENSHIP	60	21	12	5	1	-	-	2	40	6	21	9	2	-	2
FOR GENERAL EDUCATION	3,603	1,511	629	594	191	81	36	19	2,092	762	796	330	137	75	42
TO TRAIN FOR VOLUNTEER WORK	490	245	30	97	73	28	16	1	245	20	62	63	59	19	22
FOR PERSONAL OR SOCIAL REASONS	10,187	3,012	464	1,025	674	369	262	217	7,176	1,170	2,323	1,447	922	704	519
OTHER NON-JOB-RELATED REASONS	398	162	41	47	21	28	17	7	237	72	74	31	26	27	7
NOT REPORTED	108	30	12	9	6	3	-	-	78	2	33	12	13	9	9
SCHOOL CREDIT OBJECTIVES															
ELEMENTARY OR HIGH SCHOOL DIPLOMA	1,017	343	221	69	20	26	6	-	675	384	174	74	26	12	6
VOCATIONAL CERTIFICATE/DIPLOMA	1,190	554	185	187	102	48	24	8	636	196	186	132	78	29	14
2-YEAR COLLEGE DEGREE CREDIT	2,204	770	303	291	84	84	4	2	1,434	516	519	283	82	34	-
4-YEAR COLLEGE DEGREE CREDIT	2,531	1,202	364	446	117	54	15	5	1,329	355	611	262	79	16	6
POSTGRADUATE OR PROFESSIONAL DEGREE	1,974	928	64	513	240	79	28	2	1,046	112	595	234	131	19	-
NONE OF THE ABOVE OR NOT REPORTED	28,465	12,386	1,573	4,398	3,073	1,771	1,167	404	16,079	2,508	5,480	3,969	2,321	1,911	890
TRADE OR PROFESSIONAL OBJECTIVES															
TO OBTAIN A LICENSE OR CERTIFICATE	2,584	1,297	336	523	239	129	58	12	1,288	305	514	275	149	42	3
TO RENEW A LICENSE OR CERTIFICATE	2,839	1,225	38	358	359	220	201	49	1,610	96	597	414	329	134	41
NONE OF THE ABOVE OR NOT REPORTED	31,961	13,660	2,338	5,223	3,039	1,713	987	360	18,301	3,670	6,414	3,869	2,239	1,442	670
PROVIDER OF INSTRUCTION															
ELEMENTARY OR HIGH SCHOOL	2,551	726	184	195	163	94	55	35	1,825	466	533	399	215	156	97
2-YEAR COLLEGE OR TECHNICAL INSTITUTE	7,030	2,634	794	1,007	417	271	123	59	4,396	1,080	1,575	879	492	259	110
4-YEAR COLLEGE OR UNIVERSITY	7,160	3,211	678	1,504	723	309	170	27	3,949	612	1,744	908	454	167	64
VOCATIONAL, TRADE, OR BUSINESS SCHOOL	3,413	1,327	318	483	284	119	115	8	2,085	494	727	440	230	154	41
OTHER SCHOOL	1,134	494	119	191	79	44	37	24	639	138	267	127	64	32	11
TUTOR OR PRIVATE INSTRUCTOR	1,637	502	106	164	93	76	44	18	1,135	273	303	243	191	106	18
BUSINESS OR INDUSTRY	5,119	3,185	381	1,195	853	462	230	43	1,935	307	727	432	295	184	38
LABOR ORGANIZATION OR PROFESSIONAL ASSN.	1,858	1,071	75	372	243	206	151	24	787	92	260	177	150	88	19
GOVERNMENT AGENCY	2,934	1,476	112	483	399	258	160	63	1,458	204	526	305	214	126	83
PRIVATE COMMUNITY ORGANIZATION	3,172	962	141	294	220	96	97	95	2,230	322	664	476	329	231	207
OTHER, DID NOT KNOW, OR NOT REPORTED	1,374	635	42	216	163	126	63	25	739	83	219	146	163	94	35
EMPLOYER PROVIDED COURSE FOR EMPLOYEES	9,260	5,040	535	1,947	1,283	784	631	58	4,221	726	1,510	922	653	380	59
SOURCE OF PAYMENT FOR COURSE															
SELF OR FAMILY ONLY	17,760	6,313	1,354	2,332	1,244	656	537	189	11,447	2,189	4,096	2,531	1,464	676	292
SELF OR FAMILY & ADDITIONAL SOURCE(S)	1,427	662	133	313	124	48	28	16	765	144	312	159	63	54	33
PUBLIC FUNDING ONLY	6,402	3,100	484	1,084	712	484	245	93	3,302	706	1,067	717	448	230	133
PUBLIC FUNDING & ADDITIONAL SOURCE(S)	711	327	80	138	72	12	12	12	384	66	137	85	48	32	16
BUSINESS OR INDUSTRY ONLY	8,090	4,710	501	1,901	1,291	703	308	35	3,380	614	1,431	661	439	222	12
BUSINESS OR INDUSTRY & ADDITIONAL SOURCE(S)	694	367	87	181	74	21	3	2	326	74	156	85	26	13	2
PRIVATE ORGANIZATION ONLY	1,821	674	104	211	142	98	65	54	1,147	151	309	274	165	126	127
PRIVATE ORGANIZATION & ADDITIONAL SOURCE(S)	218	86	13	11	30	12	14	6	133	18	18	35	24	22	15
OTHER SOURCES ONLY	1,496	927	91	199	111	56	44	25	930	213	268	176	106	82	65
OTHER SOURCES & SOURCE(S) SPECIFIED ABOVE	160	89	12	50	19	5	-	4	71	15	30	18	2	4	1
DID NOT KNOW & NOT REPORTED	247	95	18	32	7	17	16	6	152	40	51	17	14	19	32
EMPLOYER WAS A SOURCE OF PAYMENT	12,287	6,697	720	2,624	1,794	1,023	469	66	5,590	910	2,250	1,208	777	404	41
AMOUNT PAID BY SELF OR FAMILY															
TOTAL DOLLARS REPORTED ... (8 000,000)	2,164	1,063	268	344	229	111	98	13	1,103	295	405	218	117	58	10
AVERAGE DOLLARS PER COURSE IN UNITS	120	165	198	140	178	173	185	74	95	133	97	86	81	65	34
NUMBER OF COURSES FOR WHICH AN AMOUNT WAS REPORTED	18,033	6,449	1,355	2,456	1,287	642	329	179	11,584	2,214	4,182	2,546	1,434	889	299
COURSE SUBJECT															
AGRICULTURE & RENEWABLE NATURAL RESOURCES	449	326	38	115	63	40	25	45	123	22	43	24	16	13	5
ARTS: VISUAL & PERFORMING	2,373	976	104	188	110	70	52	43	1,797	341	587	290	233	207	139
BUSINESS	8,564	4,171	460	1,615	1,052	626	354	64	4,393	897	1,656	1,003	602	207	29
EDUCATION	2,926	997	171	384	192	92	45	11	2,028	312	795	365	244	95	17
ENGINEERING & ENGINEERING TECHNOLOGY	5,656	2,970	677	1,143	562	388	178	23	683	177	269	132	68	35	2
HEALTH CARE & HEALTH SCIENCES	3,993	1,236	71	658	334	144	68	39	2,757	436	985	619	444	223	50
HEALTH EDUCATION	1,190	361	44	145	90	43	32	7	789	130	304	194	83	79	28
HOME ECONOMICS	1,248	84	2	34	24	6	7	10	1,102	101	413	328	181	156	82
PERSONAL SERVICES OCCUPATIONS	713	296	68	101	67	25	26	10	417	138	139	55	32	49	5
LANGUAGE, LINGUISTICS, & LITERATURE	2,184	813	191	295	195	97	46	28	1,371	314	448	283	199	113	94
LIFE SCIENCES & PHYSICAL SCIENCES; MATHEMATICAL SCIENCES	1,205	394	197	226	101	39	20	10	611	183	261	121	26	10	4
PHILOSOPHY & RELIGION, PSYCHOLOGY	2,606	1,033	100	371	266	148	87	90	1,573	254	447	340	275	136	123
PHYSICAL EDUCATION & LEISURE	2,377	821	156	204	146	47	42	25	1,734	324	650	364	169	148	80
SOCIAL SCIENCES & SOCIAL STUDIES	1,929	1,072	163	441	223	142	69	15	856	222	288	170	81	55	40
INTERDISCIPLINARY STUDIES	237	132	42	36	26	18	10	-	105	77	49	18	3	3	3
UNABLE TO CLASSIFY	1,678	998	227	345	218	114	62	31	680	144	222	140	65	69	43

NOTE: DETAILS MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

Table F. Number of courses taken by participants in adult education, by race/ethnic group and sex of participant, and by course characteristic: United States, year ending May 1981.

(NUMBERS IN THOUSANDS.)

COURSE CHARACTERISTIC	TOTAL COURSES	COURSES TAKEN BY MEN					COURSES TAKEN BY WOMEN				
		TOTAL	NONHISPANIC			HISPANIC	TOTAL	NONHISPANIC			HISPANIC
			WHITE	BLACK	OTHER			WHITE	BLACK	OTHER	
TOTAL COURSES	37,381	16,182	14,296	692	439	555	21,199	18,363	1,448	474	715
MAIN REASON FOR TAKING COURSE											
JOB-RELATED REASONS	22,534	11,202	10,072	552	246	332	11,333	9,843	886	292	363
TO GET A NEW JOB	4,398	1,699	1,443	116	52	88	2,699	2,267	282	47	103
IN CURRENT OR FORMER OCCUPATION	791	269	225	23	12	8	523	413	46	6	8
IN NEW OCCUPATIONAL FIELD	3,607	1,430	1,218	93	39	80	2,226	1,854	237	41	95
TO IMPROVE OR ADVANCE IN CURRENT JOB	16,689	8,740	7,970	381	177	220	7,910	6,995	528	173	215
OTHER JOB-RELATED REASONS	1,677	794	659	38	18	23	723	600	76	22	25
NON-JOB-RELATED REASONS	14,738	4,998	4,197	341	192	220	9,789	8,639	553	248	349
FOR AMERICAN CITIZENSHIP	60	21	2	-	13	6	40	4	-	23	13
FOR GENERAL EDUCATION	3,603	1,511	1,198	166	70	78	2,092	1,688	233	82	90
TO TRAIN FOR VOLUNTEER WORK	490	245	237	-	6	2	245	221	12	5	7
FOR PERSONAL OR SOCIAL REASONS	10,187	3,012	2,625	154	103	129	7,176	6,534	277	112	293
OTHER NON-JOB-RELATED REASONS	398	162	134	21	1	6	237	192	31	6	7
NOT REPORTED	108	30	27	-	1	3	78	62	9	4	3
SCHOOL CREDIT OBJECTIVES											
ELEMENTARY OR HIGH SCHOOL DIPLOMA	1,017	343	231	57	27	27	675	485	179	14	37
VOCATIONAL CERTIFICATE/DIPLOMA	1,190	554	441	66	8	18	636	476	94	24	42
2-YEAR COLLEGE DEGREE CREDIT	2,304	770	639	60	22	53	1,534	1,194	114	36	89
4-YEAR COLLEGE DEGREE CREDIT	2,531	1,202	1,015	106	31	50	1,329	1,140	119	39	32
POSTGRADUATE OR PROFESSIONAL DEGREE	1,974	928	819	44	33	31	1,046	939	81	6	21
NONE OF THE ABOVE OR NOT REPORTED	28,465	12,386	11,134	560	318	375	16,079	14,349	860	395	495
TRADE OR PROFESSIONAL OBJECTIVES											
TO OBTAIN A LICENSE OR CERTIFICATE	2,584	1,297	1,137	73	34	53	1,288	1,145	100	18	24
TO RENEW A LICENSE OR CERTIFICATE	2,835	1,225	1,171	16	20	16	1,610	1,459	84	27	30
NONE OF THE ABOVE OR NOT REPORTED	31,961	13,660	11,987	602	385	486	18,301	15,958	1,264	418	661
PROVIDER OF INSTRUCTION											
ELEMENTARY OR HIGH SCHOOL	2,551	726	584	37	42	63	1,825	1,522	127	30	126
2-YEAR COLLEGE OR TECHNICAL INSTITUTE	7,030	2,634	2,217	179	81	157	4,396	3,785	280	123	207
4-YEAR COLLEGE OR UNIVERSITY	7,160	3,211	2,871	164	105	70	3,949	3,522	282	44	82
VOCATIONAL, TRADE, OR BUSINESS SCHOOL	3,413	1,327	1,153	74	53	47	2,085	1,800	172	38	55
OTHER SCHOOL	1,134	494	374	71	21	28	639	536	72	18	13
TUTOR OR PRIVATE INSTRUCTOR	1,637	502	464	20	9	9	1,135	1,044	22	17	33
BUSINESS OR INDUSTRY	5,119	3,165	2,944	116	32	72	1,955	1,788	87	44	34
LABOR ORGANIZATION OR PROFESSIONAL ASSN.	1,856	1,071	975	52	28	16	787	728	31	23	5
GOVERNMENT AGENCY	2,934	1,476	1,305	111	18	42	1,458	1,182	193	30	52
PRIVATE COMMUNITY ORGANIZATION	3,172	942	841	36	37	26	2,230	2,029	92	42	66
OTHER, DID NOT KNOW, OR NOT REPORTED	1,374	635	566	29	13	25	739	606	91	24	19
EMPLOYER PROVIDED COURSE FOR EMPLOYEES	9,260	5,040	4,561	265	72	141	4,221	3,615	395	98	112
SOURCE OF PAYMENT FOR COURSE											
SELF OR FAMILY ONLY	17,760	6,313	5,406	312	161	232	11,447	10,425	499	188	336
SELF OR FAMILY & ADDITIONAL SOURCE(S)	1,427	662	593	33	13	24	765	670	78	7	10
PUBLIC FUNDING ONLY	6,402	3,100	2,537	283	134	146	3,302	2,368	540	173	181
PUBLIC FUNDING & ADDITIONAL SOURCE(S)	711	327	285	23	5	14	384	319	54	7	5
BUSINESS OR INDUSTRY ONLY	8,090	4,710	4,355	175	82	97	3,380	3,119	190	39	86
BUSINESS OR INDUSTRY & ADDITIONAL SOURCE(S)	694	367	350	4	3	10	326	297	13	11	5
PRIVATE ORGANIZATION ONLY	1,821	674	608	26	23	16	1,147	1,025	61	19	42
PRIVATE ORGANIZATION & ADDITIONAL SOURCE(S)	218	86	77	6	-	2	133	122	6	-	5
OTHER SOURCES ONLY	1,456	527	439	37	20	35	930	781	61	32	55
OTHER SOURCES & SOURCE(S) SPECIFIED ABOVE	160	89	78	3	5	3	71	68	2	-	1
DID NOT KNOW & NOT REPORTED	247	95	62	25	7	1	152	108	28	19	2
EMPLOYER WAS A SOURCE OF PAYMENT	12,287	6,697	6,148	284	107	156	5,590	4,866	471	119	134
AMOUNT PAID BY SELF OR FAMILY											
TOTAL DOLLARS REPORTED ($000)	2,166,336	1,063,257	918,810	54,151	43,473	46,822	1,103,079	959,397	76,436	28,760	38,486
AVERAGE DOLLARS PER COURSE IN UNITS	120	165	160	168	256	213	95	91	145	161	117
NUMBER OF COURSES FOR WHICH AN AMOUNT WAS REPORTED	18,033	6,449	5,739	322	168	219	11,584	10,547	528	179	329
COURSE SUBJECT											
AGRICULTURE & RENEWABLE NATURAL RESOURCES	449	326	310	9	7	-	123	115	4	2	2
ARTS: VISUAL & PERFORMING	2,373	576	506	23	12	36	1,797	1,700	49	46	22
BUSINESS	8,564	4,171	3,790	186	80	115	4,393	3,820	311	86	176
EDUCATION	2,926	897	761	67	24	44	2,028	1,661	236	47	65
ENGINEERING & ENGINEERING TECHNOLOGY	3,654	2,970	2,693	154	62	107	683	583	53	28	19
HEALTH CARE & HEALTH SCIENCES	3,993	1,236	1,083	79	52	22	2,757	2,466	182	66	42
HEALTH EDUCATION	1,150	361	330	14	9	7	789	713	56	6	15
HOME ECONOMICS	1,245	84	72	8	2	2	1,162	1,083	52	6	20
PERSONAL SERV. & OCCUPATIONS	713	396	355	18	11	12	317	275	32	3	6
LANGUAGE, LINGUISTICS, & LITERATURE	2,184	813	575	64	84	91	1,371	1,005	104	121	140
LIFE SCIENCES & PHYSICAL SCIENCES	1,205	594	508	56	15	16	611	513	55	18	24
MATHEMATICAL SCIENCES	2,606	1,033	927	76	18	13	1,573	1,392	105	11	65
PHILOSOPHY & RELIGION, PSYCHOLOGY	2,377	621	580	6	17	18	1,756	1,653	27	20	56
PHYSICAL EDUCATION & LEISURE	1,929	1,072	968	57	18	29	856	722	76	16	43
SOCIAL SCIENCES & SOCIAL STUDIES	337	132	114	12	3	4	205	165	35	2	2
INTERDISCIPLINARY STUDIES	1,678	998	873	61	26	38	680	597	53	9	20
UNABLE TO CLASSIFY											

NOTE: DETAILS MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

Table G. Number of courses taken by participants in adult education, by labor force status and sex of participant and by course characteristic: United States, week ending May 16, 1981.

(NUMBERS IN THOUSANDS.)

COURSE CHARACTERISTIC	TOTAL COURSES	COURSES TAKEN BY MEN						COURSES TAKEN BY WOMEN					
		TOTAL	IN LABOR FORCE		NOT IN LABOR FORCE			TOTAL	IN LABOR FORCE		NOT IN LABOR FORCE		
			EMPLOYED	UNEMPLOYED	KEEPING HOUSE	SCHOOL	OTHER		EMPLOYED	UNEMPLOYED	KEEPING HOUSE	SCHOOL	OTHER
TOTAL COURSES	37,381	16,182	14,778	615	25	299	468	21,199	15,560	796	3,694	562	586
MAIN REASON FOR TAKING COURSE													
JOB-RELATED REASONS	22,534	11,202	10,440	335	14	76	116	11,333	9,911	376	701	226	118
TO GET A NEW JOB	4,398	1,899	1,435	180	2	52	40	2,499	1,750	217	479	187	66
IN CURRENT OR FORMER OCCUPATION	741	269	220	43	-	1	5	473	394	32	68	14	4
IN NEW OCCUPATIONAL FIELD	3,657	1,630	1,208	137	2	51	35	2,226	1,396	185	411	173	61
TO IMPROVE OR ADVANCE IN CURRENT JOB	16,650	8,749	8,543	114	12	22	58	7,910	7,536	128	171	29	46
OTHER JOB-RELATED REASONS	1,477	704	692	42	-	2	18	723	625	31	51	9	6
NON-JOB-RELATED REASONS	14,738	4,949	4,089	277	11	220	352	9,789	5,609	419	2,972	327	463
FOR AMERICAN CITIZENSHIP	60	21	12	-	-	6	3	40	9	-	14	16	-
FOR GENERAL EDUCATION	3,603	1,911	1,180	193	-	115	63	2,092	1,329	173	388	118	84
TO TRAIN FOR VOLUNTEER WORK	490	245	236	2	-	6	3	245	102	4	108	4	28
FOR PERSONAL OR SOCIAL REASONS	10,187	3,012	2,528	114	11	87	272	7,176	4,057	223	2,378	173	344
OTHER NON-JOB-RELATED REASONS	398	162	133	9	-	8	12	237	113	18	83	15	7
NOT REPORTED	108	30	26	2	-	2	-	78	40	2	22	9	5
SCHOOL CREDIT OBJECTIVES													
ELEMENTARY OR HIGH SCHOOL DIPLOMA	1,017	343	212	85	-	29	17	675	282	106	219	35	31
VOCATIONAL CERTIFICATE/DIPLOMA	1,190	594	509	25	-	6	13	636	452	33	77	47	27
2-YEAR COLLEGE DEGREE CREDIT	2,206	770	692	42	-	12	24	1,434	1,093	82	178	73	18
4-YEAR COLLEGE DEGREE CREDIT	2,531	1,202	1,078	91	-	22	10	1,329	1,093	50	85	65	37
POSTGRADUATE OR PROFESSIONAL DEGREE	1,974	928	892	21	-	9	6	1,046	935	16	78	16	2
NONE OF THE ABOVE OR NOT REPORTED	28,465	12,384	11,394	351	24	220	397	16,079	11,715	509	3,057	326	472
TRADE OR PROFESSIONAL OBJECTIVES													
TO OBTAIN A LICENSE OR CERTIFICATE	2,984	1,297	1,189	72	2	20	14	1,288	991	46	184	52	15
TO RENEW A LICENSE OR CERTIFICATE	2,835	1,225	1,195	4	6	6	15	1,610	1,438	22	132	9	10
NONE OF THE ABOVE OR NOT REPORTED	31,981	13,660	12,392	539	17	273	439	18,301	13,132	729	3,378	501	561
PROVIDER OF INSTRUCTION													
ELEMENTARY OR HIGH SCHOOL	2,581	726	602	38	-	28	57	1,825	1,093	79	546	46	61
2-YEAR COLLEGE OR TECHNICAL INSTITUTE	7,030	2,634	2,362	106	3	65	98	4,396	3,170	230	678	202	117
4-YEAR COLLEGE OR UNIVERSITY	7,160	3,211	2,986	130	-	49	46	3,949	3,279	106	381	104	80
VOCATIONAL, TRADE, OR BUSINESS SCHOOL	3,413	1,327	1,172	89	-	31	35	2,085	1,606	119	271	54	35
OTHER SCHOOL	1,134	494	401	33	9	32	19	639	447	20	137	19	15
TUTOR OR PRIVATE INSTRUCTOR	1,637	502	425	32	-	28	17	1,135	697	43	305	48	42
BUSINESS OR INDUSTRY	3,119	3,165	3,067	61	7	14	17	1,955	1,746	39	132	9	28
LABOR ORGANIZATION OR PROFESSIONAL ASSN.	1,858	1,071	1,038	27	-	-	5	787	727	5	39	2	13
GOVERNMENT AGENCY	2,934	1,476	1,359	35	1	18	63	1,458	1,102	36	253	22	45
PRIVATE COMMUNITY ORGANIZATION	3,172	962	770	43	5	26	98	2,230	1,203	85	785	48	112
OTHER, DID NOT KNOW, OR NOT REPORTED	1,374	635	595	20	-	7	13	739	489	34	168	11	37
EMPLOYER PROVIDED COURSE FOR EMPLOYEES	9,260	5,040	4,909	81	11	21	20	4,221	3,966	68	132	16	39
SOURCE OF PAYMENT FOR COURSE													
SELF OR FAMILY ONLY	17,760	6,313	5,593	317	9	159	236	11,447	8,026	405	2,366	327	323
SELF OR FAMILY & ADDITIONAL SOURCE(S)	1,427	662	626	16	-	1	19	765	608	36	93	9	18
PUBLIC FUNDING ONLY	6,402	3,100	2,750	142	10	94	105	3,302	2,289	199	538	102	114
PUBLIC FUNDING & ADDITIONAL SOURCE(S)	711	327	299	7	-	1	19	384	293	19	61	8	4
BUSINESS OR INDUSTRY ONLY	8,090	4,710	4,603	81	5	6	15	3,380	3,218	61	79	8	13
BUSINESS OR INDUSTRY & ADDITIONAL SOURCE(S)	694	367	359	6	-	-	2	326	290	11	15	-	11
PRIVATE ORGANIZATION ONLY	1,821	674	581	25	2	19	47	1,147	892	33	335	19	68
PRIVATE ORGANIZATION & ADDITIONAL SOURCE(S)	218	86	80	-	-	-	6	133	76	3	44	-	10
OTHER SOURCES ONLY	1,456	927	446	27	-	9	25	930	614	56	186	38	37
OTHER SOURCES & SOURCE(S) SPECIFIED ABOVE	160	89	79	3	-	-	7	71	49	4	17	1	1
DID NOT KNOW & NOT REPORTED	247	95	63	7	-	10	15	192	82	5	73	2	10
EMPLOYER WAS A SOURCE OF PAYMENT	12,287	6,997	6,529	106	11	19	33	5,590	5,334	86	118	15	37
AMOUNT PAID BY SELF OR FAMILY													
TOTAL DOLLARS REPORTED ..($ 000,000)	2,166	1,063	935	50	1	49	28	1,103	821	56	152	54	20
AVERAGE DOLLARS PER COURSE IN UNITS	120	168	163	157	83	319	121	95	101	130	65	149	68
NUMBER OF COURSES FOR WHICH AN AMOUNT WAS REPORTED	18,033	6,949	5,734	318	9	155	234	11,584	8,167	429	2,398	317	313
COURSE SUBJECT													
AGRICULTURE & RENEWABLE NATURAL RESOURCES	449	324	312	3	1	1	8	123	96	-	19	6	3
ARTS: VISUAL, & PERFORMING	2,373	976	438	43	-	35	61	1,797	1,035	67	535	77	83
BUSINESS	8,364	4,171	3,980	104	10	23	95	4,393	3,616	208	399	77	93
EDUCATION	2,926	897	823	44	-	14	16	2,028	1,638	58	271	29	32
ENGINEERING & ENGINEERING TECHNOLOGY	3,694	2,970	2,778	96	-	43	57	683	584	31	38	23	51
HEALTH CARE & HEALTH SCIENCES	3,993	1,236	1,194	17	6	2	17	2,757	2,313	67	302	27	18
HEALTH EDUCATION	1,190	361	330	20	-	5	6	789	590	21	133	8	37
HOME ECONOMICS	1,886	84	75	-	-	1	8	1,162	644	30	421	7	7
PERSONAL SERVICES OCCUPATIONS	713	298	278	9	-	-	9	417	337	27	39	7	7
LANGUAGE, LINGUISTICS, & LITERATURE	2,184	813	643	59	2	57	52	1,371	888	68	263	105	46
LIFE SCIENCES & PHYSICAL SCIENCES	1,308	598	503	35	-	43	13	611	442	54	57	43	18
MATHEMATICAL SCIENCES	2,606	1,033	902	50	4	18	60	1,573	982	51	443	41	54
PHILOSOPHY & RELIGION, PSYCHOLOGY	2,377	821	539	24	-	29	29	1,756	1,130	37	483	47	59
PHYSICAL EDUCATION & LEISURE	1,929	1,072	988	46	2	13	23	856	684	37	105	34	26
SOCIAL SCIENCES & SOCIAL STUDIES	337	132	104	23	-	-	5	205	120	17	52	3	12
INTERDISCIPLINARY STUDIES	1,678	998	892	41	-	15	50	680	471	22	134	20	33
UNABLE TO CLASSIFY													

NOTE: DETAILS MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

Table H. Number of courses taken by participants in adult education, by selected objectives and by course characteristic: United States, year ending May 1981.

(NUMBERS IN THOUSANDS.)

COURSE CHARACTERISTIC	TOTAL COURSES	SCHOOL CREDIT OBJECTIVES							TRADE OR PROFESSIONAL OBJECTIVES		
		EIGHTH GRADE CERTIFICATE	HIGH SCHOOL COMPLETION	VOCATIONAL CERTIFICATE/ DIPLOMA	2-YEAR COLLEGE DEGREE	4-YEAR COLLEGE DEGREE	POST-GRADUATE DEGREE	NONE & NOT REPORTED	TO OBTAIN A LICENSE OR CERTIFICATE	TO RENEW A LICENSE OR CERTIFICATE	NEITHER & NOT REPORTED
TOTAL COURSES	37,381	6	1,011	1,190	2,204	3,531	1,974	28,465	2,584	2,835	31,961
MAIN REASON FOR TAKING COURSE											
JOB-RELATED REASONS	22,534	-	105	1,073	1,444	1,256	1,867	16,789	2,312	2,659	17,564
TO GET A NEW JOB	4,398	-	62	440	755	638	327	2,176	990	86	3,322
IN CURRENT OR FORMER OCCUPATION	741	-	7	59	107	66	85	416	144	48	549
IN NEW OCCUPATIONAL FIELD	3,657	-	56	381	647	572	242	1,760	845	38	2,773
TO IMPROVE OR ADVANCE IN CURRENT JOB	16,659	-	22	592	640	570	1,247	13,588	1,173	2,359	13,128
OTHER JOB-RELATED REASONS	1,477	-	31	61	49	47	93	1,225	150	214	1,113
NON-JOB-RELATED REASONS	14,738	6	903	117	758	1,255	303	11,398	270	172	14,296
FOR AMERICAN CITIZENSHIP	60	-	-	-	-	-	-	60	-	-	60
FOR GENERAL EDUCATION	3,603	1	690	39	571	1,061	206	1,034	87	29	3,492
TO TRAIN FOR VOLUNTEER WORK	490	-	-	18	-	-	-	472	26	44	420
FOR PERSONAL OR SOCIAL REASONS	10,187	5	155	56	171	127	83	9,591	142	71	9,975
OTHER NON-JOB-RELATED REASONS	398	-	57	4	16	67	14	241	16	33	350
NOT REPORTED	108	-	4	-	2	21	4	78	2	5	101
PROVIDER OF INSTRUCTION											
ELEMENTARY OR HIGH SCHOOL	2,551	5	504	40	8	9	5	1,979	36	49	2,467
2-YEAR COLLEGE OR TECHNICAL INSTITUTE	7,030	1	142	227	1,926	551	79	4,105	639	261	6,130
4-YEAR COLLEGE OR UNIVERSITY	7,160	-	41	98	162	1,874	1,036	3,369	611	560	5,989
VOCATIONAL, TRADE, OR BUSINESS SCHOOL	3,413	-	84	422	75	48	72	2,713	490	479	2,444
OTHER SCHOOL	1,134	-	79	39	4	-	47	965	97	67	970
TUTOR OR PRIVATE INSTRUCTOR	1,837	-	6	11	4	1	16	1,599	68	65	1,503
BUSINESS OR INDUSTRY	5,119	-	7	144	25	19	18	4,906	248	333	4,541
LABOR ORGANIZATION OR PROFESSIONAL ASSN.	1,858	-	-	43	9	-	38	1,773	98	435	1,325
GOVERNMENT AGENCY	2,634	-	74	112	7	9	20	2,711	157	323	2,454
PRIVATE COMMUNITY ORGANIZATION	3,172	-	48	36	4	13	8	3,064	74	97	3,001
OTHER, DID NOT KNOW, OR NOT REPORTED	1,374	-	27	19	6	5	35	1,281	69	166	1,139
EMPLOYER PROVIDED COURSE FOR EMPLOYEES	9,260	-	19	359	127	161	223	8,371	630	932	7,698
SOURCE OF PAYMENT FOR COURSE											
SELF OR FAMILY ONLY	17,760	2	327	502	1,273	1,567	1,236	12,853	1,438	1,273	15,049
SELF OR FAMILY & ADDITIONAL SOURCE(S)	1,427	-	24	55	117	281	217	733	131	94	1,202
PUBLIC FUNDING ONLY	6,402	3	548	276	494	313	191	4,577	460	471	5,471
PUBLIC FUNDING & ADDITIONAL SOURCE(S)	711	-	21	45	72	106	85	383	114	59	542
BUSINESS OR INDUSTRY ONLY	8,090	-	11	289	221	295	277	6,996	414	709	6,967
BUSINESS OR INDUSTRY & ADDITIONAL SOURCE(S)	694	-	1	17	76	144	118	338	38	34	621
PRIVATE ORGANIZATION ONLY	1,821	1	12	34	6	10	37	1,721	69	144	1,608
PRIVATE ORGANIZATION & ADDITIONAL SOURCE(S)	218	-	-	-	-	9	17	192	9	22	188
OTHER SOURCES ONLY	1,456	-	54	26	63	57	11	1,244	39	124	1,293
OTHER SOURCES & SOURCE(S) SPECIFIED ABOVE	160	-	2	-	16	27	9	106	21	10	129
DID NOT KNOW & NOT REPORTED	247	-	35	6	5	7	-	194	7	6	234
EMPLOYER WAS A SOURCE OF PAYMENT	13,557	-	16	439	388	547	590	10,307	744	1,179	10,384
AMOUNT PAID BY SELF OR FAMILY											
TOTAL DOLLARS REPORTED ($000)	2,166,336	-	12,634	172,228	133,726	232,009	272,125	1,343,614	379,299	179,679	1,607,357
AVERAGE DOLLARS PER COURSE IN UNITS	120	(B)	41	336	109	132	200	105	295	140	105
NUMBER OF COURSES FOR WHICH AN AMOUNT WAS REPORTED	18,033	-	311	513	1,284	1,752	1,357	12,814	1,488	1,282	15,263
COURSE SUBJECT											
AGRICULTURE & RENEWABLE NATURAL RESOURCES	449	-	1	10	7	10	13	407	35	24	390
ARTS: VISUAL, & PERFORMING	2,373	-	14	16	92	126	60	2,066	28	35	2,311
BUSINESS	8,564	-	41	329	627	718	438	6,411	608	494	7,463
EDUCATION	2,926	3	388	60	135	198	580	1,562	342	318	2,268
ENGINEERING & ENGINEERING TECHNOLOGY	3,694	-	12	270	302	187	95	2,788	336	117	3,202
HEALTH CARE & HEALTH SCIENCES	3,993	-	2	206	149	122	132	3,381	357	1,146	2,489
HEALTH EDUCATION	1,190	-	7	34	37	33	34	1,003	73	173	903
HOME ECONOMICS	1,245	-	9	14	18	22	3	1,180	14	14	1,215
PERSONAL SERVICES OCCUPATIONS	713	-	2	60	8	2	9	632	121	68	524
LANGUAGE, LINGUISTICS, & LITERATURE	2,184	3	110	29	199	254	70	1,518	93	33	2,098
LIFE SCIENCES & PHYSICAL SCIENCES) MATHEMATICAL SCIENCES	1,205	-	108	30	218	286	100	462	93	52	1,059
PHILOSOPHY & RELIGION, PSYCHOLOGY	2,606	-	19	32	105	239	210	2,000	91	57	2,458
PHYSICAL EDUCATION & LEISURE	2,377	-	3	3	26	27	29	2,289	68	34	2,275
SOCIAL SCIENCES & SOCIAL STUDIES	1,929	-	91	44	234	261	178	1,121	152	149	1,607
INTERDISCIPLINARY STUDIES	337	-	144	3	-	9	12	149	7	6	324
UNABLE TO CLASSIFY	1,678	-	41	50	47	36	10	1,496	205	98	1,377

NOTE: DETAILS MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

Table I. Number of courses taken by participants in adult education, by provider of instruction and by course characteristic: United States, year ending May 1981.

(NUMBERS IN THOUSANDS.)

COURSE CHARACTERISTIC	TOTAL COURSES	PROVIDER OF INSTRUCTION: ELEMENTARY/HIGH SCHOOL	2-YEAR COLLEGE/TECHNICAL INSTITUTE	4-YEAR COLLEGE OR UNIVERSITY	VOCATIONAL/TRADE/BUSINESS SCHOOL	TUTOR/PRIVATE INSTRUCTOR	BUSINESS OR INDUSTRY	LABOR ORGANIZATION OR PROFESSIONAL ASSOCIATION	GOVERNMENT AGENCY	PRIVATE COMMUNITY ORGANIZATION	OTHER & NOT REPORTED
TOTAL COURSES.	37,381	2,591	7,030	7,160	3,413	1,637	9,119	1,858	2,934	3,172	2,507
MAIN REASON FOR TAKING COURSE											
JOB-RELATED REASONS.	22,534	993	3,739	4,817	2,635	539	4,602	1,765	1,988	919	1,391
TO GET A NEW JOB	4,398	172	1,522	1,063	704	76	323	76	143	91	238
IN CURRENT OR FORMER OCCUPATION. . . .	761	30	240	213	124	3	37	28	28	9	28
IN NEW OCCUPATIONAL FIELD.	3,637	143	1,282	850	579	73	285	48	115	72	210
TO IMPROVE OR ADVANCE IN CURRENT JOB . .	16,659	374	1,992	3,478	1,783	421	3,990	1,613	1,845	396	1,007
OTHER JOB-RELATED REASONS.	1,477	46	225	276	149	42	290	75	199	78	97
NON-JOB-RELATED REASONS.	14,738	1,984	3,275	2,313	770	1,090	509	86	936	2,648	1,156
FOR AMERICAN CITIZENSHIP	60	15	27	4	3	-	-	-	4	8	-
FOR GENERAL EDUCATION.	3,603	516	1,197	1,184	161	28	62	12	93	142	207
TO TRAIN FOR VOLUNTEER WORK.	490	13	38	23	37	11	3	5	120	214	26
FOR PERSONAL OR SOCIAL REASONS	10,187	1,355	1,934	1,020	565	1,036	439	63	666	2,298	882
OTHER NON-JOB-RELATED REASONS.	398	55	80	83	25	14	4	7	53	36	41
NOT REPORTED	108	4	15	29	7	8	8	7	10	9	11
SCHOOL CREDIT OBJECTIVES											
ELEMENTARY OR HIGH SCHOOL DIPLOMA.	1,017	509	143	91	84	6	7	-	74	48	106
VOCATIONAL CERTIFICATE/DIPLOMA	1,190	40	227	98	422	11	144	43	112	36	58
2-YEAR COLLEGE DEGREE CREDIT	2,204	8	1,926	142	75	4	28	4	7	4	9
4-YEAR COLLEGE DEGREE CREDIT	2,531	9	951	1,874	48	1	19	-	9	13	6
POSTGRADUATE OR PROFESSIONAL DEGREE. . . .	1,974	9	79	1,636	72	16	18	38	20	8	82
NONE OF THE ABOVE OR NOT REPORTED.	28,465	1,979	4,105	3,369	2,713	1,599	4,906	1,773	2,711	3,064	2,246
TRADE OR PROFESSIONAL OBJECTIVES											
TO OBTAIN A LICENSE OR CERTIFICATE	2,584	36	639	611	490	68	246	98	157	74	166
TO RENEW A LICENSE OR CERTIFICATE.	2,835	49	261	560	479	65	333	435	323	97	233
NONE OF THE ABOVE OR NOT REPORTED.	31,961	2,467	6,130	5,989	2,444	1,503	4,541	1,325	2,456	3,001	2,108
SOURCE OF PAYMENT FOR COURSE											
SELF OR FAMILY ONLY.	17,760	1,591	4,280	4,245	1,667	1,230	679	666	557	1,401	1,386
SELF OR FAMILY & ADDITIONAL SOURCE(S). . .	1,427	33	304	587	120	9	108	64	35	41	79
PUBLIC FUNDING ONLY.	6,402	712	1,465	871	403	56	181	123	2,083	111	386
PUBLIC FUNDING & ADDITIONAL SOURCE(S). . .	711	30	204	257	77	6	34	10	53	20	20
BUSINESS OR INDUSTRY ONLY.	8,090	47	664	1,108	895	216	3,983	672	130	108	268
BUSINESS OR INDUSTRY & ADDITIONAL SOURCE(S).	694	1	161	295	55	5	108	20	7	1	41
PRIVATE ORGANIZATION ONLY.	1,821	42	53	112	130	31	34	273	34	1,037	76
PRIVATE ORGANIZATION & ADDITIONAL SOURCE(S).	218	-	10	35	18	4	10	27	6	93	14
OTHER SOURCES ONLY	1,456	112	195	185	144	80	103	54	59	283	243
OTHER SOURCES & SOURCE(S) SPECIFIED ABOVE.	160	7	26	51	8	2	13	13	10	17	17
DID NOT KNOW & NOT REPORTED.	247	14	22	30	33	11	14	2	14	61	45
EMPLOYER WAS A SOURCE OF PAYMENT	12,287	237	1,136	2,130	1,207	260	3,928	912	1,599	300	579
AMOUNT PAID BY SELF OR FAMILY											
TOTAL DOLLARS REPORTED . . . . . ($000) .	2,184,334	52,291	280,939	688,855	438,928	158,715	87,967	104,575	18,638	59,995	275,473
AVERAGE DOLLARS PER COURSE IN UNITS. . . .	120	33	66	151	259	130	119	161	32	41	201
NUMBER OF COURSES FOR WHICH AN AMOUNT WAS REPORTED	18,033	1,575	4,239	4,574	1,698	1,167	737	650	574	1,490	1,370
COURSE SUBJECT											
AGRICULTURE & RENEWABLE NATURAL RESOURCES.	449	25	76	107	20	10	52	4	115	20	21
ARTS: VISUAL & PERFORMING	2,373	239	506	377	87	474	74	12	127	218	259
BUSINESS	8,564	310	1,794	1,686	710	155	2,431	580	457	47	395
EDUCATION.	2,926	361	436	1,218	95	30	41	121	217	142	223
ENGINEERING & ENGINEERING TECHNOLOGY . . .	3,694	131	832	455	301	56	1,134	122	265	23	134
HEALTH CARE & HEALTH SCIENCES.	3,993	49	492	558	1,006	111	323	513	312	367	261
HEALTH EDUCATION	1,190	57	135	142	232	28	95	82	119	103	97
HOME ECONOMICS	1,268	223	228	80	109	83	148	5	127	125	107
PERSONAL SERVICES OCCUPATIONS.	713	36	73	36	142	60	137	47	67	24	91
LANGUAGE, LINGUISTICS, & LITERATURE. . . .	2,184	304	616	519	73	60	99	30	136	172	171
LIFE SCIENCES & PHYSICAL SCIENCES; MATHEMATICAL SCIENCES.	1,205	99	387	448	50	10	57	33	48	17	56
PHILOSOPHY & RELIGION, PSYCHOLOGY.	2,606	64	328	578	51	87	71	43	86	1,138	159
PHYSICAL EDUCATION & LEISURE	2,377	351	388	158	71	326	81	14	219	532	236
SOCIAL SCIENCES & SOCIAL STUDIES	1,929	103	433	601	53	31	89	170	316	61	75
INTERDISCIPLINARY STUDIES.	337	88	45	39	34	9	19	6	48	26	22
UNABLE TO CLASSIFY	1,678	112	261	156	179	106	234	73	272	87	197

NOTE: DETAILS MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

Table J. Number of courses taken by participants in adult education, by main reason for taking course and by course characteristic: United States, year ending May 1981.

(NUMBERS IN THOUSANDS.)

COURSE CHARACTERISTIC	TOTAL COURSES	MAIN REASON FOR TAKING COURSE									
		JOB-RELATED REASON				NON-JOB-RELATED REASON					REASON NOT REPORTED
		IMPROVE CURRENT JOB	NEW JOB IN SAME OCCUPATION	NEW JOB NEW OCCUPATION	OTHER	PERSONAL/ SOCIAL	TRAIN FOR VOLUNTEER WORK	GENERAL EDUCATION	CITIZEN-SHIP TRAINING	OTHER	
TOTAL COURSES.	37,381	10,659	741	3,657	1,477	10,187	490	3,603	60	396	108
SCHOOL CREDIT OBJECTIVES											
ELEMENTARY OR HIGH SCHOOL DIPLOMA.	1,017	22	7	56	21	160	-	692	-	57	4
VOCATIONAL CERTIFICATE/DIPLOMA	1,190	592	59	381	41	54	18	39	-	4	-
2-YEAR COLLEGE DEGREE CREDIT	2,204	660	107	647	49	171	-	571	-	16	2
4-YEAR COLLEGE DEGREE CREDIT	2,531	570	44	572	47	127	-	1,061	-	67	21
POSTGRADUATE OR PROFESSIONAL DEGREE. . . .	1,974	1,247	85	242	93	83	-	206	-	14	4
NONE OF THE ABOVE OR NOT REPORTED.	28,465	13,588	416	1,760	1,225	9,591	472	1,034	60	241	78
TRADE OR PROFESSIONAL OBJECTIVES											
TO OBTAIN A LICENSE OR CERTIFICATE	2,584	1,173	144	845	150	142	26	87	-	16	2
TO RENEW A LICENSE OR CERTIFICATE.	2,835	2,359	48	38	214	71	44	24	-	33	5
NONE OF THE ABOVE OR NOT REPORTED.	31,961	13,128	549	2,773	1,113	9,975	420	3,492	60	350	101
PROVIDER OF INSTRUCTION											
ELEMENTARY OR HIGH SCHOOL.	2,551	374	30	143	46	1,355	13	516	15	55	6
2-YEAR COLLEGE OR TECHNICAL INSTITUTE. . .	7,030	1,992	240	1,282	225	1,934	38	1,197	27	80	15
4-YEAR COLLEGE OR UNIVERSITY	7,160	3,478	213	850	276	1,020	23	1,184	4	83	29
VOCATIONAL, TRADE, OR BUSINESS SCHOOL. . .	3,413	1,783	124	579	149	545	37	161	3	28	7
OTHER SCHOOL	1,134	327	17	127	44	467	2	130	-	14	2
TUTOR OR PRIVATE INSTRUCTOR.	1,637	421	3	73	42	1,036	11	28	-	4	8
BUSINESS OR INDUSTRY	5,119	3,990	37	285	290	439	3	62	-	7	7
LABOR ORGANIZATION OR PROFESSIONAL ASSN. .	1,858	1,613	28	48	75	63	9	12	-	7	3
GOVERNMENT AGENCY.	2,934	1,645	28	115	199	666	120	93	4	53	10
PRIVATE COMMUNITY ORGANIZATION	3,172	356	9	72	78	2,248	214	192	8	34	9
OTHER, DID NOT KNOW, OR NOT REPORTED . . .	1,374	680	11	82	53	415	24	77	-	22	9
EMPLOYER PROVIDED COURSE FOR EMPLOYEES . .	9,260	7,563	95	387	648	354	39	152	-	9	14
SOURCE OF PAYMENT FOR COURSE											
SELF OR FAMILY ONLY.	17,790	4,858	417	2,359	454	7,278	87	1,991	6	295	93
SELF OR FAMILY & ADDITIONAL SOURCE(S). . .	1,427	677	64	197	56	199	25	182	-	44	4
PUBLIC FUNDING ONLY.	6,402	3,096	114	615	394	978	197	897	47	82	21
PUBLIC FUNDING & ADDITIONAL SOURCE(S). . .	711	298	45	117	24	111	7	92	-	16	-
BUSINESS OR INDUSTRY ONLY.	8,090	6,733	86	302	428	263	8	249	-	6	15
BUSINESS OR INDUSTRY & ADDITIONAL SOURCE(S).	699	423	23	97	30	36	-	73	-	7	9
PRIVATE ORGANIZATION ONLY.	1,821	629	20	43	81	783	162	73	9	14	12
PRIVATE ORGANIZATION & ADDITIONAL SOURCE(S).	218	104	-	7	3	77	19	9	-	-	-
OTHER SOURCES ONLY	1,486	501	35	90	50	577	37	145	3	14	9
OTHER SOURCES & SOURCE(S) SPECIFIED ABOVE.	160	70	-	28	9	29	-	28	-	1	-
DID NOT KNOW & NOT REPORTED.	267	56	2	26	11	79	14	57	-	2	-
EMPLOYER WAS A SOURCE OF PAYMENT	12,287	9,986	109	516	717	413	30	420	-	15	20
AMOUNT PAID BY SELF OR FAMILY											
TOTAL DOLLARS REPORTED . . . . . ($000).	2,166,336	771,654	102,272	330,257	63,153	441,958	4,170	218,555	55	25,717	8,484
AVERAGE DOLLARS PER COURSE IN UNITS. . . .	120	150	222	231	132	62	39	109	27	98	154
NUMBER OF COURSES FOR WHICH AN AMOUNT WAS REPORTED	18,033	5,152	461	2,401	480	7,110	107	2,004	2	262	55
COURSE SUBJECT											
AGRICULTURE & RENEWABLE NATURAL RESOURCES.	449	265	4	26	8	127	3	17	-	-	-
ARTS: VISUAL, & PERFORMING	2,373	261	28	138	28	1,728	5	148	-	17	-
BUSINESS	6,564	5,517	221	1,204	359	548	19	443	-	35	15
EDUCATION.	2,926	1,558	104	226	141	281	35	519	-	48	14
ENGINEERING & ENGINEERING TECHNOLOGY . . .	3,654	2,328	63	534	136	377	5	194	-	17	1
HEALTH CARE & HEALTH SCIENCES.	3,903	2,682	59	286	297	466	132	89	-	25	7
HEALTH EDUCATION	1,150	485	18	70	78	400	27	45	-	24	1
HOME ECONOMICS	1,245	97	8	64	6	984	14	50	-	20	2
PERSONAL SERVICES OCCUPATIONS.	713	397	21	104	33	119	18	14	-	6	-
LANGUAGE, LINGUISTICS, & LITERATURE. . . .	2,184	486	63	199	105	716	19	513	52	19	12
LIFE SCIENCES & PHYSICAL SCIENCES/ MATHEMATICAL SCIENCES.	1,285	331	29	173	99	129	1	459	-	28	6
PHILOSOPHY & RELIGION, PSYCHOLOGY.	2,606	548	30	154	60	1,386	83	284	-	34	7
PHYSICAL EDUCATION & LEISURE	2,377	69	6	43	20	2,133	25	36	-	43	2
SOCIAL SCIENCES & SOCIAL STUDIES	1,929	906	59	238	95	238	41	342	8	22	19
INTERDISCIPLINARY STUDIES.	337	62	2	11	21	79	5	150	-	5	-
UNABLE TO CLASSIFY	1,678	649	26	187	130	478	57	79	-	53	22

NOTE: DETAILS MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

Appendix B

Technical Notes

Source and Reliability of the Estimates

Source of Data

The estimates are based on data collected in May 1981 from the Current Population Survey (CPS) conducted by the Bureau of the Census. The monthly CPS deals mainly with labor force data for the civilian noninstitutional population. Questions relating to labor force participation are asked about each member 14 years old and over in each sample household. In May 1981, additional screening questions relating to adult education activities were asked of each civilian household member 17 years of age or older. When possible, a personal interview was conducted with each identified adult education participant.

The present CPS sample was initially selected from the 1970 census file with coverage in all 50 States and the District of Columbia. The sample is continually updated to reflect new construction where possible (see "Nonsampling Variability," below). The monthly CPS sample is located in 629 areas comprising 1,133 counties, independent cities, and minor civil divisions in the Nation. In this sample, approximately 60,500 occupied households were eligible for interview. Of this number, about 2,500 occupied units were visited but interviews were not obtained because the occupants were not found at home after repeated calls or were unavailable for some other reason.

The estimation procedure used in this survey involves the inflation of the weighted sample results to independent estimates of the total civilian noninstitutional population of the United States by age, race, and sex. These independent estimates are based on statistics from decennial censuses; statistics on births, deaths, immigration, and emigration; and statistics on the strength of the Armed Forces. Estimates in the tabulations for May 1981 are based on the adjustment of weighted sample results to independent estimates derived from the 1980 decennial census.

Reliability of Sample Estimates

Estimates based on a sample may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaires, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. The standard errors provided for these tabulations primarily indicated the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration, but do not measure any systematic biases in the data. The full extent of nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates.

Nonsampling variability. — Nonsampling errors can be attributed to many sources; e.g., inability to obtain information about all cases in the sample; definitional difficulties; differences in the interpretation of questions; inability or unwillingness on the part of the respondents to provide correct information; inability to recall information; errors made in collection, such as in recording or coding the data; errors made in processing the data; errors made in estimating values for missing data; and failure to represent all units with the sample (undercoverage).

Sampling variability. — The standard errors given in the following tables are primarily measures of sampling variability; that is, of the variations that occurred by chance because a sample rather than the entire population was surveyed. The sample estimate and its standard error enable one to construct confidence inter-

vals—ranges that would include the average result of all possible samples with a known probability. For example, if all possible samples were selected, if each of these were surveyed under essentially the same general conditions using the same sample design, and if an estimate and its standard error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.
3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average result of all possible samples.

Standard Error Tables

The figures presented in tables B-1 and B-3 are approximations to standard errors for persons. The figures shown in tables B-2 and B-4 are approximations to standard errors for courses. Standard errors for intermediate values not shown in the generalized tables may be approximated by interpolation.

Standard errors of estimated numbers. — To illustrate the use of the standard error of an estimated number, text table 1 (see page 00) of the tabulations shows that in May 1981, there were 1,299,000 black non-Hispanic participants in adult education. Using standard error table B-1, the approximate standard error is 55,000. This means that the 68-percent confidence interval for the number of black non-Hispanic participants in adult education is from 1,244,000 to 1,354,000. The 95-percent confidence interval is 1,189,000 to 1,409,000.

Standard errors of estimated percentages. — The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the percentage and the size of the total upon which the percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use standard error tables indicated by the numerator. The approximate standard error, $\sigma_{(x,p,)}$, of an estimated percentage can be obtained by use of the generalized error tables B-3 or B-4.

To illustrate the use of the standard error of an estimated percentage, text table 1 shows that of the 9,359,000 male participants in adult education, 1,640,000 or 17.5 percent were in the 17-24 age group. Consequently, the 68-percent confidence interval for the percentage of male participants age 17-24 is from about 16.9 to 18.1 percent. The 95-percent confidence interval is from about 16.3 to 18.7 percent.

Standard error of a difference. — For a difference between two sample estimates, the standard error is approximately equal to

$$\sigma_{(x-y)} = \sqrt{\sigma_x^2 + \sigma_y^2}$$

where σ_x and σ_y are the standard errors of the estimates x and y; the estimates can be of numbers, percents, ratios, etc. This will represent the actual standard errors quite accurately for the difference between two estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

Illustration of the computation of the standard error of a difference. — As stated earlier, text table 1 shows that in 1981, 17.5 percent of male participants in adult education were in the 17-24 age group. The approximate standard error of 17.5 percent is .62 percent. Text table 1 also shows that 19.3 percent of female participants in adult education were in that age group. Thus, the apparent difference between the percent of men and that of women participants in that age group is 1.8 percent. The approximate standard error of 19.3 percent is .58 percent. Therefore, using the formula above, the standard error of the estimated difference of 1.8 percent is about .85 percent.

$$\sqrt{(.62)^2 + (.58)^2} = .85 \text{ percent}$$

This means that the 68-percent confidence interval for the difference between the percent of male and female participants in the 17-24 age group is from about 1.8 to 2.7 percent, and the 95-percent confidence interval is from about 0.1 to 3.5 percent.

Comparability with Previous Survey Data

Caution should be used in comparing metropolitan and nonmetropolitan area estimates from 1978 and later years to each other and to those from earlier years. Methodological and sample design changes occurred in these recent years, resulting in relatively large differences in the metropolitan and nonmetropolitan area estimates.

Caution should also be used in comparing estimates from 1981, which are controlled to independent population estimates derived from the 1980 census, to those from earlier years, which are controlled to population estimates derived from earlier censuses, as described previously. The population counts as of April 1, 1980, from the 1980 census differ substantially from the independent estimates for the same date, based on the 1970 census. For example, the 1980-based estimate of the civilian noninstitutional population on April 1, 1980, was about 5,000,000 more than the 1970-based estimate for the same date. Furthermore, it is generally believed that the 1980 census reduced the undercount experienced in 1970 for the population as a whole and most notably for minority groups. As a result, the estimates from 1981 may differ somewhat more from those for earlier years than what could be attributed to actual changes in the population and these differences may be disproportionately greater for certain sub-population groups than for the total population.

Definitions and Concepts

Population coverage — The estimates in this report include all persons 17 years of age and over in the civilian noninstitutionalized population in the calendar week ending May 16, 1981, and excludes all members of the Armed Forces and inmates of institutions.

Race/ethnic groups — The population is divided into two major groups: Hispanic and non-Hispanic

Hispanic refers to persons who are Mexican, Puerto Rican, Cuban, Central or South American, or other Hispanic origin or descent. Persons of Hispanic origin may be of any race. At the time of the 1980 Census of Population, about 96 percent of the Hispanic population was classified as white.

Non-Hispanic is divided into three groups on the basis of race: white, black, and "other." The last category includes Indians, Japanese, Chinese, and any other race except white and black.

Labor force status — This term defines whether a person is in the labor force or not in the labor force. "In the labor force" includes those who are employed and those who are unemployed.

Employed persons are all those who, during the survey week (a) did any work at all as paid employees or in their own business or profession, or on their own farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family; or (b) did not work but had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or for personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Unemployed persons are all those who did not work during the survey week, made specific efforts to find a job within the preceding 4 weeks, and were available for work or would have been available during the survey week except for temporary illness. Also included as unemployed are those who did not work at all, were available for work and (a) were waiting to be called back to a job from which they had been laid off, or (b) were waiting to report to a new wage or salary job within 30 days.

"Not in the labor force" includes all those not defined as employed or unemployed. It includes those who are keeping house, going to school, retired, unable to work, and persons who worked less than 15 hours a week as unpaid workers in a family enterprise.

Occupation of employed worker — Data refer to the type of job held by employed persons during the survey week. Persons with two jobs or more are classified in the job at which they worked the greatest number of hours.

Sums of distribution — Sums of individual items, whether absolute number or percentages, may not equal totals because of independent rounding of totals and components. Percentage totals, however, are always shown as 100 percent.

Table B-1. Standard errors for estimated numbers of persons (68 chances out of 100. Numbers in thousands)

Size of estimate	Standard error	Size of estimate	Standard error
10	5	750	42
15	6	1,000	49
25	8	2,500	77
50	11	5,000	108
75	13	10,000	149
100	15	25,000	223
250	24	50,000	282
500	35	100,000	282

NOTE: To obtain standard errors for non-metropolitan data, multiply the standard errors above by 1.22.

Table B.2. Standard errors for estimated numbers of courses (68 chances out of 100. Numbers in thousands)

Size of estimate	Standard error	Size of estimate	Standard error
10	7	750	59
15	8	1,000	68
25	11	2,500	108
50	15	5,000	154
75	18	7,500	191
100	21	10,000	223
250	34	25,000	373
500	48	30,000	416

Table B-3. Standard errors for estimated percentages of persons (68 chances out of 100. Estimated percentage)

Base of estimated percentage (thousands)	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	25 or 75	50
10	4.9	6.9	10.7	14.7	17.5	21.2	24.5
15	4.0	5.6	8.7	12.0	14.3	17.3	20.0
25	3.1	4.3	6.7	9.3	11.1	13.4	15.5
50	2.2	3.1	4.8	6.6	7.8	9.5	10.9
75	1.8	2.5	3.9	5.4	6.4	7.7	8.9
100	1.5	2.2	3.4	4.6	5.5	6.7	7.7
250	1.0	1.4	2.1	2.9	3.5	4.2	4.9
500	0.7	1.0	1.5	2.1	2.5	3.0	3.5
750	0.6	0.8	1.2	1.7	2.0	2.4	2.8
1,000	0.5	0.7	1.1	1.5	1.7	2.1	2.4
2,500	0.3	0.4	0.7	0.9	1.1	1.3	1.5
5,000	0.2	0.3	0.5	0.7	0.8	0.9	1.1
7,500	0.2	0.3	0.4	0.5	0.6	0.8	0.9
10,000	0.15	0.2	0.3	0.5	0.6	0.7	0.8
25,000	0.10	0.14	0.2	0.3	0.3	0.4	0.5
50,000	0.07	0.10	0.15	0.2	0.2	0.3	0.3
100,000	0.05	0.07	0.11	0.15	0.2	0.2	0.2
155,000	0.04	0.05	0.09	0.12	0.14	0.1	0.2

NOTE: To obtain standard errors for non-metropolitan data, multiply the above standard errors by 1.22.

Table B-4. Standard errors for estimated percentages of courses (68 chances out of 100. Estimated percentage)

Base of estimated percentage (thousands)	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	25 or 75	50
10	6.7	9.4	14.7	20.2	24.1	29.2	33.7
15	5.5	7.7	12.0	16.5	19.7	23.8	27.5
25	4.2	6.0	9.3	12.8	15.1	18.5	21.3
50	3.0	4.2	6.6	9.0	10.8	13.1	15.1
75	2.5	3.4	5.4	7.4	8.8	10.7	12.3
100	2.1	3.0	4.6	6.4	7.6	9.2	10.7
250	1.3	1.9	2.9	4.0	4.8	5.8	6.7
500	0.9	1.3	2.1	2.9	3.4	4.1	4.8
1,000	0.7	0.9	1.5	2.0	2.4	2.9	3.4
2,500	0.4	0.6	0.9	1.3	1.5	1.8	2.1
5,000	0.3	0.4	0.7	0.9	1.1	1.3	1.5
7,500	0.2	0.3	0.5	0.7	0.9	1.1	1.2
10,000	0.2	0.3	0.5	0.6	0.8	0.9	1.1
25,000	0.13	0.2	0.3	0.4	0.5	0.6	0.7
30,000	0.12	0.2	0.3	0.4	0.4	0.5	0.6

Appendix C

Survey Questionnaire

1. INTERVIEWER CHECK ITEM
Only CPS-580 for household ..... ○ (Fill all applicable items on this page)
First CPS-580 of continuation h'hld ... ○
Second CPS-580 of continuation h'hld ○ (Transcribe items 2–3, 6–10 from first CPS-580)
Third, fourth, etc. CPS-580 ..... ○

FORM CPS-580 — U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

Form Approved – O.M.B. No. 1850–0831 — MAY 1981

2. SAMPLE
A B C D E
○ ○ ○ ○ ○

3. CONTROL NUMBER

MONTH ■
○ ○ ○ ○ ● ○ ○ ○ ○ ○ ○ ○

YEAR
● ○ ○ ○ ○

10. INTERVIEWER CODE
A B C D E F G H J K L M
○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9

6. PSU NO.	7. SEGMENT NO.	8. SERIAL NO.	9. HOUSEHOLD NO.
0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9	0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 ■ 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9	0 0 1 1 2 2 3 3 4 5 5 6 6 7 7 8 8 9 9	1 2 3 4 5 6 7 8

9 8 7 6 5 4 3 2 1 ■ ● 0 9 8 7 6 5 4 3 2 ■

SURVEY OF

ADULT EDUCATION

Page 1

Feasible 26.1:1 ED (NCES) 2412

15A. LINE NO. 00 11 22 33 44 55 66 77 88 99

15C. AGE 00 11 22 33 44 55 66 77 88 99

15E. SEX
Male ..... O
Female ..... O

15H. RACE
1. White ..... O
2. Black ..... O
3. Amer. Indian, Aleut, Eskimo O
4. Asian or Pacific Islander ..... O
5. Other ..... O

TYPE OF INTERVIEW FOR THIS PERSON:
Interview ..... O
Noninterview O
Reason:
No one home ..... O
Temp. Absent ...
Refused ..... O
Other ..... O

1. Are you now attending or enrolled as a full-time student in a school of any type?
Yes O *(Ask 2)*
No O *(Skip to 5)*

2. Are you in a program leading toward the completion of elementary school or high school?
Yes O *(Skip to 5)*
No O → 7

3. Are you in a college degree program *(such as, an associate's, bachelor's, master's, or doctoral degree program)*?
Yes O *(Skip to 5)*
No O → 7

4. Are you in a vocational or occupational program?
Yes O
No O

5. (Excluding full-time attendance in school) during the past 12 months, that is, since May 1, 1980, have you taken part in any organized adult education courses or activities such as . . . ?
(Read or show definition and list of examples on flashcard)
Yes O *(Ask 6)*
No O *(End questions for this person)*

6. How many of these courses or activities did you participate in, *including any that you did not complete*?
00 11 22 33 44 55 66 77 88 99

7. INTERVIEWER CHECK ITEM
O Entry of 4 or less in item 6 — *Ask items 8–19 for each course*
O Entry of 5 or more in item 6 — *Ask items 8–19 for the 4 most recent courses taken.*

8. What was the name of this course or activity? *(If more than 1 course taken, obtain names of all or the 4 most recent courses before asking items 9–19 for each course)* →	Course #1	Course #2	Course #3	Course #4
9. In what general subject-matter area was this course?				
1. Agriculture and renewable natural resources	1. O	1. O	1. O	1. O
2. Arts, visual and performing	2. O	2. O	2. O	2. O
3. Business	3. O	3. O	3. O	3. O
4. Education	4. O	4. O	4. O	4. O
5. Engineering and engineering technology; computer science and data processing; etc.	5. O	5. O	5. O	5. O
6. Health care and health science	6. O	6. O	6. O	6. O
7. Health education	7. O	7. O	7. O	7. O
8. Home economics	8. O	8. O	8. O	8. O
9. Personal services occupations	9. O	9. O	9. O	9. O
10. Language, linguistics, and literature; communication	10. O	10. O	10. O	10. O
11. Life sciences and physical sciences; mathematical sciences	11. O	11. O	11. O	11. O
12. Philosophy, religion, and theology; psychology	12. O	12. O	12. O	12. O
13. Physical education and leisure	13. O	13. O	13. O	13. O
14. Social sciences and social studies; law; etc.	14. O	14. O	14. O	14. O
15. Interdisciplinary studies	15. O	15. O	15. O	15. O
16. Unable to classify	16. O	16. O	16. O	16. O
10. What was your main reason for taking this course?	.....	.....	.....	.....
1. For personal or social reasons *(e.g. community activity, home and family life, personal development, social and recreational interests)*	1. O	1. O	1. O	1. O
2. To improve, advance, or keep up to date in my current job	2. O	2. O	2. O	2. O
3. To train for an occupational field I have not worked in previously	3. O	3. O	3. O	3. O
4. To get a new job in my current occupation or in a previous occupation	4. O	4. O	4. O	4. O
5. Other job-related reason	5. O	5. O	5. O	5. O
6. To train for volunteer work	6. O	6. O	6. O	6. O
7. For general education	7. O	7. O	7. O	7. O
8. To prepare for naturalization as an American citizen	8. O	8. O	8. O	8. O
9. Other nonjob-related reason	9. O	9. O	9. O	9. O
11. Did you take this course to meet a requirement for obtaining a certificate, diploma, or degree?	Yes O *(Ask 11a)* No O *(Skip to 12)*	Yes O *(Ask 11a)* No O *(Skip to 12)*	Yes O *(Ask 11a)* No O *(Skip to 12)*	Yes O *(Ask 11a)* No O *(Skip to 12)*
11a. What type of certificate, diploma, or degree?				
1. 8th grade certificate	1. O	1. O	1. O	1. O
2. High school diploma *(including equivalency certificate)*	2. O	2. O	2. O	2. O
3. Certificate or post high school diploma in a vocational program	3. O	3. O	3. O	3. O
4. 2-year degree from a college or technical institute *(associate degree)*	4. O	4. O	4. O	4. O
5. 4-year degree from a college or university *(bachelor's degree)*	5. O	5. O	5. O	5. O
6. Graduate or professional degree *(such as, master's, doctorate, medical doctor)*	6. O	6. O	6. O	6. O
7. Other	7. O	7. O	7. O	7. O
12. Did you take this course to meet a requirement for obtaining or renewing a license or certificate in a trade or occupation as required by law or regulation?	Yes O *(Ask 13a)* No O *(Skip to 13)*	Yes O *(Ask 13a)* No O *(Skip to 13)*	Yes O *(Ask 13a)* No O *(Skip to 13)*	Yes O *(Ask 13a)* No O *(Skip to 13)*
13a. Was it to obtain or to renew a certificate or license?	Obtain O Renew O	Obtain O Renew O	Obtain O Renew O	Obtain O Renew O

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13. Who provided the instruction for this course?	COURSE NUMBER 1	COURSE NUMBER 2	COURSE NUMBER 3	COURSE NUMBER 4
1. Elementary school or high school	1. ○	1. ○	1. ○	1. ○
2. 2-year community or jr. college, or technical institute	2. ○	2. ○	2. ○	2. ○
3. 4-year college or university	3. ○	3. ○	3. ○	3. ○
4. Vocational, trade, business, hospital, or flight school	4. ○	4. ○	4. ○	4. ○
5. Other school	5. ○	5. ○	5. ○	5. ○
6. Tutor or private instructor	6. ○	6. ○	6. ○	6. ○
7. Business or industry	7. ○	7. ○	7. ○	7. ○
8. Labor organization or professional association	8. ○	8. ○	8. ○	8. ○
9. Federal, State, county or local government agency *(e.g. military reserve unit, agricultural extension, recreation department)*	9. ○	9. ○	9. ○	9. ○
10. Private community organization *(e.g. church, synagogue, YMCA, Red Cross, neighborhood association)*	10. ○	10. ○	10. ○	10. ○
11. Other *(Specify)*	11. ○ _____	11. ○ _____	11. ○ _____	11. ○ _____
12. Don't know	12. ○	12. ○	12. ○	12. ○
14. Was the instruction for this course provided by your employer for employees in your organization?	Yes ○ No ○	Yes ○ No ○	Yes ○ No ○	Yes ○ No ○
15. Who paid for this course? *(Mark all that apply)*				
1. Self or family	1. ○	1. ○	1. ○	1. ○
2. Government *(Federal, State, county, local government, including public schools)*	2. ○	2. ○	2. ○	2. ○
3. Business or industry	3. ○	3. ○	3. ○	3. ○
4. Private organization *(e.g. church, labor organization, professional association, YMCA, or Red Cross)*	4. ○	4. ○	4. ○	4. ○
5. Other *(Specify)*	5. ○ _____	5. ○ _____	5. ○ _____	5. ○ _____
6. Don't know	6. ○	6. ○	6. ○	6. ○
16. INTERVIEWER CHECK ITEM				
1. "Self or family" is the only source of payment marked in 15	1. ○ *(Skip to 19)*	1. ○ *(Skip to 19)*	1. ○ *(Skip to 19)*	1. ○ *(Skip to 19)*
2. All other cases	2. ○ *(Ask 17)*	2. ○ *(Ask 17)*	2. ○ *(Ask 17)*	2. ○ *(Ask 17)*
17. Was your employer one of the sources of payment mentioned?	Yes ○ No ○	Yes ○ No ○	Yes ○ No ○	Yes ○ No ○
18. INTERVIEWER CHECK ITEM				
1. "Self or family" is one of the sources of payment marked in 15	1. ○ *(Ask 19)*	1. ○ *(Ask 19)*	1. ○ *(Ask 19)*	1. ○ *(Ask 19)*
2. All other cases	2. ○ *(End questions for this person or go on to next course if applicable)*	2. ○ *(End questions for this person or go on to next course if applicable)*	2. ○ *(End questions for this person or go on to next course if applicable)*	2. ○ *(End questions for this person or go on to next course if applicable)*
19. How much did you and your family pay for tuition and required fees?	$ _____ .00 *(Go on to next course or person as applicable)*	$ _____ .00 *(Go on to next course or person as applicable)*	$ _____ .00 *(Go on to next course or person as applicable)*	$ _____ .00 *(Go on to next course or person as applicable)*

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